

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCLOLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2N3203	S	P		2N3740-2N5333	
2N3204	S	P		2N3741-2N5333	
2N3205	S	P		2N5333	
2N3206	S	P		2N3740-2N5333	
2N3207	S	P	4	2N3741-2N5333	
2N3208	S	P	4	2N3740-2N5333	
2N3209	S	P	4	BSX29-MM2894-2N4313-2N3576-2N2894	
2N3210	S	N	4		
2N3211	S	N	4		
2N3212	G	P	24B		
2N3213	G	P	24B		
2N3214	G	P	24B		
2N3215	G	P	24B		
2N3216	G	P			
2N3217	S	P	4	2N2944-2N2945	
2N3218	S	P	4	2N2944-2N2945	
2N3219	S	P	4	2N2944-2N2945	
2N3220	S	N		2N3767	
2N3221	S	N		2N3767	
2N3222	S	N		2N3766	
2N3223	S	N		2N3766	
2N3224	S	P		2N3498-2N2905-2N2904	
2N3225	S	P		2N3498	
2N3226	S	N		2N4913	
2N3227	S	N	4	2N2369A-2N3011	
2N3229	S	N	27A		
2N3230	S	N			

2N3231

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCOLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2N3231	S	N			
2N3232	S	N	12	2N3715	
2N3233	S	N	12	2N4347	
2N3234	S	N	12		
2N3235	S	N	12	2N3715	
2N3236	S	N		2N3716	
2N3237	S	N			
2N3238	S	N		2N3716	
2N3239	S	N		2N3716	
2N3240	S	N			
2N3241	S	N	4	BSX75-BC140-2N2222	
2N3242	S	N	4	BC140-BSX75-2N2222-2N730	
2N3244	S	P	6A		
2N3245	S	P	6A		
2N3246	S	N	4A	2N2484	
2N3247	S	N	Spec.	2N2484	
2N3248	S	P	4	2N2484	
2N3249	S	P	4	2N2484	
2N3250	S	P	6A	BFX48-EN3250-2N4121	
2N3251	S	P	6A	BFX48-BCY79-2N3250-2N4922-BC177-BC204	
2N3252	S	N	6A	BFX17-BFY55-BSY34-BSX45-BFY51-BSY45-2N2218-2N3250	
2N3253	S	N	6A	BSX32-BSX45-BSX59	
2N3260	S	N			
2N3261	S	N		BSS10-BSX20	
2N3262	S	N	6A		
2N3263	S	N	17D	2N4002	
2N3264	S	N	17D	2N4002	

TIPO	G = GERMANIO S = SILICIO		P = PNP N = NPN		ZOCULO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
	G	S	P	N			
2N3149	S		N				
2N3150	S		N				
2N3151	S		N				
2N3152	S		N				
2N3153	S		N	4		2N2432	
2N3154	G		P				
2N3155	G		P				
2N3156	G		P				
2N3157	G		P				
2N3158	G		P				
2N3159	G		P				
2N3160	G		P				
2N3161	G		P				
2N3162	S		N			2N3411	
2N3163	S		P				
2N3164	S		P				
2N3165	S		P				
2N3166	S		P				
2N3167	S		P			MJ2267	
2N3168	S		P			2N3789	
2N3169	S		P			2N3790	
2N3170	S		P			2N3790	
2N3171	S		P			MJ2267	
2N3172	S		P			2N3789	
2N3173	S		P			2N3790	
2N3174	S		P			2N3790	
2N3175	S		P			MJ2267	

2N3176					EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCCHOLO			
2N3176	S	P			2N3789	
2N3177	S	P			2N3790	
2N3178	S	P			2N3790	
2N3179	S	P			MJ2267	
2N3180	S	P			2N3789	
2N3181	S	P			2N3790	
2N3182	S	P			2N3790	
2N3183	S	P			2N3789	
2N3184	S	P			2N3789	
2N3185	S	P			2N2790	
2N3186	S	P			2N2790	
2N3187	S	P			MJ2267	
2N3188	S	P			2N3789	
2N3189	S	P			2N3790	
2N3190	S	P			2N3790	
2N3191	S	P				
2N3192	S	P			2N3789	
2N3193	S	P			2N3790	
2N3194	S	P			2N3790	
2N3195	S	P				
2N3196	S	P			2N3789	
2N3197	S	P			2N3790	
2N3198	S	P			2N3790	
2N3199	S	P				
2N3200	S	P			2N3740	
2N3201	S	P			2N3741	
2N3202	S	P			2N5333	

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2N3265	S	N	27A	2N4002	
2N3266	S	N	27A	2N4002	
2N3267	G	P	5		
2N3268	S	N		2N337	
2N3279	G	P	5	2N2997	
2N3280	G	P	5	2N2997	
2N3281	G	P	5	2N2996	
2N3282	G	P	5	2N2996	
2N3283	G	P	5	2N2996	
2N3284	G	P	5	2N2996	
2N3285	G	P	5	2N2996	
2N3286	G	P	5	2N2996	
2N3287	S	N	5	2N2944-2N2945	
2N3288	S	N	5	2N2944-2N2945	
2N3289	S	N	5	2N918	
2N3290			5		
2N3291	S	N	5	2N918-BF173	
2N3292	S	N	5	2N918	
2N3293	S	N	5	2N918	
2N3294	S	N	5	2N918	
2N3295	S	N	5A	2N2217-2N2219-BSW51-2N2218	
2N3296	S	N	16C		
2N3297	S	N	12		
2N3298	S	N	4		
2N3299	S	N	6A	2N2218-2N3015-2N2537-2N3641-BFY72	
2N3300	S	N	6A	BFY72-BSX61-BSY34-BSX73-2N2219-2N3643	
2N3301	S	N	4	BFX94-2N2221-2N4436	

2N3302

TIPO	G = GERMANIO S = SILICIO	PNP P = NPN	ZOC COLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2N3302	S	N	4	BFX95-2N2222-2N4437	
2N3303	S	N	6A	BSX12	
2N3304	S	P	4	BSX20-2N3546-2N3639-2N2894	
2N3305	S	P		2N2907	
2N3306	S	P		2N2907	
2N3307	S	P	5		
2N3308	S	P	5		
2N3309	S	N	6A	2N3309A-2N3553-BSW51-2N2218	
2N3310	S	N			
2N3311	G	P	26		
2N3312	G	P	26		
2N3313	G	P	26		
2N3314	G	P	26		
2N3315	G	P	26		
2N3316	G	P	26		
2N3317	S	P		2N2944-2N2945	
2N3318	S	P		2N2944-2N2945	
2N3319	S	P		2N2944-2N2945	
2N2320	G	P		2N964	
2N3321	G	P		2N964	
2N3322	G	P			
2N3323	G	P	4		
2N3324	G	P	4		
2N3325	G	P	4		
2N3326	S	N		2N2218A-2N3567	
2N3327	S	N	27A	BFY44	
2N3337	S	N	4	BFY79-2N3287-2N283-2N3688	

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCCHO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2N3338	S	N	4	BFY79-2N3289-2N3689-2N2883	
2N3339	S	N	4	2N3288-2N2883-2N3690	
2N3340	S	N	4		
2N3341	S	P	4	2N2604-2N2605	
2N3342	S	P	6A	2N2944-2N2945	
2N3343	S	P	6A	2N2944-2N2945	
2N3344	S	P	6A	2N2944-2N2945	
2N3345	S	P	6A	2N2944-2N2945	
2N3346	S	P	6A	2N2944-2N2945	
2N3347	S	P	36	2N3350	
2N3348	S	P	36	2N3350	
2N3349	S	P	36	2N3350	
2N3350	S	P	36		
2N3351	S	P	36	2N3350	
2N3352	S	P	36	2N3350	
2N3371	G	P	4		
2N3374	S	N			
2N3375	S	N	27A	BLY22-BLY59	
2N3388	S	N			
2N3389	S	N			
2N3390	S	N	21	BC168-BC130C-BC108C-MPS6521-TIS98-BC173C-BC183C-BC208-MPS6565-2N5961-2N6002	
2N3391	S	N	21	BC173-BC238B-BC183-BC238-MPS6515-2N5961-TIS98-2N3565-BC108-MPS6565-BC208	
2N3391A	S	N	21	BC169B-BC108-BC148B-BC173-BC238B-BC184-MPS6520-2N4401-BC109-BC209-MPS6565-TIS98-SE6002	
2N3392	S	N	21	BC168A-BC109-BC130A-BC172-BC183-BC238-MPS3392-SE6002-BC208-TIS98-BC106	2SC458
2N3393	S	N	21	BC167A-BC172-BC130A-BC183-BC108-BC238-MPS3393-SE6002-BC208-TIS98	2SC458
2N3394	S	N	21	BC168A-BC208-BC130A-BC172-BC108-BC238-MPS3394-2N4401-TIS98-2N3566	2SC458
2N3395	S	N	21	BC168A-BC168B-BC130-BC168C-BC108-BC172-MPS3395-SE6002-BC208-TIS98	2SC458

2N3396

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOC COLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2N3396	S	N	21	BC168A-BC130-BC168B-BC108-BC168C-BC183-MPS3396-TIS98-BC208-2N4401-SE6002	2SC458
2N3397	S	N	21	BC168A-BC168B-BC130-BC168C-BC108-BC183-MPS3397-2N4400-BC208-TIS98-2N5135	2SC458
2N3398	S	N	21	BC168A-BC130-BC108-MPS3398-TIS98-BC168B-BC168C-2N4400-BC208-2N5135	2SC458
2N3399	G	P		AF139-2N2996-GMO290	
2N3400	G	P			
2N3401	S	P		2N2944-2N2945	
2N3402	S	N	21	BC108-BC338-BC183-2N5449-2N4401-MPS6513-SE6002-BC208	2SC458
2N3403	S	N	21	BC108-BC183-BC338-BC172-2N5449-2N4401-MPS6513-SE6002-BC208	2SC458
2N3404	S	N	21	BC337-2N2449-MPSA06-MPSA05-2N5856-2N5449	
2N3405	S	N	21	BC337-2N2449-MPSA06-MPSA05-2N5856-2N5449	
2N3407	S	N			
2N3408	S	P			
2N3409	S	N	36	2N2639	
2N3410	S	N	36	2N2639	
2N3411	S	N	36	2N2639	
2N3412	G	P			
2N3413	S	P			
2N3414	S	N	21	BC338-MPS6513-2N5449-2N4401-2N3566-BC108A-BC183-BC208A-MPS6565	
2N3415	S	N	21	BC338-MPS6515-2N5449-2N4401-2N3566-BC108B-BC183-BC208B-MPS6565	
2N3416	S	N	21	BC141-BC182-BC107A-BC337-2N5449-MPSA05-MPS6515-MPS6566-BC207A-SE6020	
2N3417	S	N	21	BC337-MPS6515-MPSA05-2N5449-SE6020-BC107B-BC182-BC207B-MPS6566	
2N3418	S	N	6A		
2N3419	S	N	6A		
2N3420	S	N	6A		
2N3421	S	N	6A		
2N3423	S	N	36	BFY84-2N2639	
2N3424	S	N	36	BFY84-2N2639	

TIPO	MATERIALE			ZOCCHOLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
	G = GERMANIO S = SILICIO	P = PNP N = NPN				
2N3425	S	N	36		2N3014	
2N3426	S	N	6A		BSX12-2N3303-2N3426	
2N3427	G	P	8		2N1377	
2N3428	G	P	8		2N1377	
2N3429	S	N	27A		2N3713	
2N3430	S	N	27A		2N3714	
2N3431	S	N	27A			
2N3432	S	N	27A			
2N3433	S	N	27A			
2N3434	S	N	27A			
2N3435	S	N				
2N3439	S	N	6A		MJ3201-2N5058	
2N3440	S	N	6A		MJ3202	
2N3441	S	N	11		BUY14-2N3442-2N3738	
2N3442	S	N	12		BUY12-BDX11-MJ3010	
2N3443	G	P				
2N3444	S	N	6A		BFX17-BSX61-BSX45-BFY55-BSY46	
2N3445	S	N	12		2N3715	
2N3446	S	N	12		2N3714	
2N3447	S	N	12		BDY61-2N3715	
2N3448	S	N	12		2N3716	
2N3449	G	P				
2N3450	S	N			BFY50	
2N3451	S	N				
2N3461	G	P				
2N3462	S	N				
2N3463	S	N				

2N3464

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOC COLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2N3464	S	N		2N3053	
2N3465	S	N		2N3466-2N3822	
2N3466	S	N		2N3465-2N3822	
2N3467	S	P	6A	BC160-2N2905	
2N3468	S	P	6A	2N2905	
2N3469	S	N	6A	2N3420	
2N3470	S	N	27A		
2N3471	S	N	27A		
2N3472	S	N	27A		
2N3473	S	N	27A		
2N3474	S	N	27A		
2N3475	S	N	27A		
2N3476	S	N	27A	BUY12-BUY561-2N3442	
2N3477	S	N	27A		
2N3478	S	N	5	BF173-TA2606	
2N3485	S	P	4	BCW76-2N2907-EN722-2N2906A	
2N3485A	S	P	4	BSX36-BCW76-2N2907-EN722-2N2906	
2N3486	S	P	4	BSX36-BCW76-2N2907-EN2907-2N2907A	
2N3486A	S	P	4	BSX36-BCW76-2N2907-EN1907	
2N3487	S	N	27D		
2N3488	S	N	27D		
2N3489	S	N	27D		
2N3490	S	N	27D		
2N3491	S	N	27D		
2N3492	S	N	27D		
2N3493	S	N	5	2N4252	
2N3494	S	P	6A	2N2605	

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCCHOLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2N3495	S	P	6A	2N2605	
2N3496	S	P	6A	2N2605	
2N3497	S	P	6A	2N2605	
2N3498	S	N	6A	2N697-2N698	
2N3499	S	N	6A	2N5058	
2N3500	S	N	6A	2N2243A-2N2243	
2N3501	S	N	6A	2N2243A-2N2243	
2N3502	S	P	6A	BC161-2N2905-2N3502	
2N3503	S	P	6A	BC161-2N2905A-2N3695-2N2905	
2N3504	S	P	4	BSX36-BC161-2N2907-EN3504	
2N3505	S	P	4	BSX36-BC161-2N2907A-EN3504-2N2907	
2N3506	S	N	6A	2N2989	
2N3507	S	N	6A	2N2989	
2N3508	S	N	4		
2N3509	S	N	4		
2N3510	S	N	4	EN3009-BSX26	
2N3511	S	N	4	BSX26-EN3009	
2N3512	S	N	6A	2N2537-2N3015-2N2218	
2N3513	S	N		2N2480A-2N2640-2N2639	
2N3514	S	N			
2N3515	S	N	SPEZ		
2N3516	S	N		2N2639	
2N3517	S	N			
2N3518	S	N	SPEZ	2N3046	
2N3519	S	N			
2N3520	S	N		2N3043	
2N3521	S	N		2N2643-2N3043	

2N3522

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCOLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2N3522	S	N		2N2643	
2N3523	S	N			
2N3524	S	N		2N2639-2N2640	
2N3526	S	N		BFY57-2N5182	
2N3527	S	P		2N2944-2N2945	
2N3543	S	N	12	BDY61	
2N3544	S	N	4	2N918	
2N3545	S	P			
2N3546	S	P	4	2N2894-2N3576	
2N3547	S	P	4		
2N3548	S	P	4		
2N3549	S	P	4	2N2604-2N2605	
2N3550	S	P	4	2N2944-2N2945	
2N3551	S	N	17D		
2N3552	S	N	17D		
2N3553	S	N	6A	BFY99-BFW47	
2N3554	S	N	6A	BSX60	
2N3563	S	N	4	TIS62	
2N3564	S	N	4		
2N3565	S	N	4	BC238-BC183-BC172-BC208-MPS6514-TIS98-BC130-MPS6565-BC108	2SC485
2N3566	S	N	4	MPS6514-2N5449	
2N3567	S	N		MPS6530	
2N3568	S	N		BC337	
2N3569	S	N		MPS6531	
2N3570	S	N	5	BFX89	
2N3571	S	N	5	2N3570	
2N3572	S	N	5	BFX89-2N3570-BFY88	

TIPO	G = GERMANICO S = SILICIO			ZOCLOLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
	P = PNP N = NPN					
2N3576	S	P	4		2N2894	
2N3577	S	N				
2N3579	S	P	4		2N2604-2N2605	
2N3580	S	P	4		2N2605	
2N3581	S	P	4		2N2605	
2N3582	S	P	4		2N2605	
2N3583	S	N	11		MJ2251	
2N3584	S	N	11			
2N3585	S	N	11		BDY94-2N3767	
2N3586	S	P				
2N3587	S	N				
2N3588	G	P			AF201-AF121-AF178-2N2495	2SA239
2N3589	S	N				
2N3590	S	N				
2N3591	S	N				
2N3592	S	N				
2N3593	S	N				
2N3594	S	N				
2N3595	S	N				
2N3596	S	N				
2N3597	S	N	27A		2N3767-2N4002	
2N3598	S	N	27A		2N3446-2N4002	
2N3599	S	N	27A		2N3447-2N4002	
2N3600	S	N	5		2N918-BFX62-BFY88	
2N3601	G	P				
2N3602	G	P				
2N3603	G	P				

2N3604

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCOLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2N3604	G	P			
2N3605	S	N		BSY62-MPS3646-2N4275-2N5772-BSX80-2N914	
2N3605A	S	N		BSY63-BSX20-MPS3646-2N4275-2N5772	2SC321
2N3606	S	N		BSY62-MPS3646-2N4275-2N5772	
2N3606A	S	N		BSY63-BSX20-MPS3646-2N4275-2N5772	2SC321
2N3607	S	N	4	BSY62-BSY70-BSX20-MPS3646-2N4275-2N5772-BSX80	2SC321
2N3611	G	P	12	AUY211V-TI3027	
2N3612	G	P	12	AUY211V	
2N3613	G	P	12	AUY211V-TI3027	
2N3614	G	P	12	AUY21V-TI3027-TI3028	
2N3615	G	P	12	AUY22IV-ASZ16-TI3027-TI30	
2N3616	G	P	12	AUY22IV-ASZ15-2N456A-2N3146	
2N3617	G	P	12	AUY22V-ASZ16-TI3027-TI3030	
2N3618	G	P	12	AUY22V-2NN56A-2N3146	
2N3619	S	N			
2N3620	S	N			
2N3621	S	N			
2N3622	S	N			
2N3623	S	N			
2N3624	S	N			
2N3625	S	N			
2N3626	S	N			
2N3627	S	N			
2N3628	S	N			
2N3629	S	N			
2N3630	S	N			
2N3632	S	N	27A		

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCCHO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2N2938	S	N	4		
2N2939	S	N			
2N2940	S	N	6A	BC160-BCY12-2N1132-MPS2940-BC178	
2N2941	S	N	6A	8F178	
2N2942	G	P		2N2635	
2N2943	G	P		2N2635	
2N2944	S	P	6A	BC178VI-2N2945	
2N2945	S	P	6A	BC178VI	
2N2946	S	P	6A	2N3964-2N2945	
2N2947	S	N	12		
2N2948	S	N	12		
2N2949	S	N	31		
2N2950	S	N	16C		
2N2951	S	N	6A		
2N2952	S	N	4		
2N2953	G	P	2	AC153-AC117-AC128-2N1194-2N2431-2N404-AC184- AC151-AC126-AC116	
2N2954	S	N		2N918	
2N2955	G	P	4	2N2635	
2N2956	G	P	4	BSY18-ASY48-BSX20-BSY21-2N2635	2SC321
2N2957	G	P	4	2N2635	
2N2958	S	N	6A	2N2217-2N3641-2N2219	
2N2959	S	N	6A	2N697-EN1711	
2N2960	S	N			
2N2961	S	N			
2N2962	G	P			
2N2963	G	P			
2N2964	G	P			

2N2965

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCCHOLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2N2965	G	P			
2N2966	G	P		2N3283-2N2997	
2N2967	S	N			
2N2968	S	P		2N2944-2N2945	
2N2969	S	P		2N2944-2N2945	
2N2970	S	P		2N2944-2N2945	
2N2971	S	P		2N2944-2N2945	
2N2972	S	N	36	BFY61-2N2977-2N2972	
2N2973	S	N	36	BFY81-2N2977	
2N2974	S	N	36	BFW51-2N2979	
2N2975	S	N	36	BFW52-2N2977-2N2979	
2N2976	S	N	36	BFW81-2N2977	
2N2977	S	N	36	BFY81	
2N2978	S	N	36	BFY81-2N2979	
2N2979	S	N	36	BFY81	
2N2980	S	N		BFY83-2N2060A	
2N2981	S	N		BFY83-2N2223	
2N2982	S	N		BFY83-2N2223A	
2N2983	S	N			
2N2984	S	N			
2N2985	S	N			
2N2986	S	N			
2N2987	S	N	6A		
2N2988	S	N	6A		
2N2989	S	N	6A		
2N2990	S	N	6A		
2N2991	S	N	16B		

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCCHOLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2N2992	S	N	16B		
2N2993	S	N	16B		
2N2994	S	N	16B		
2N2995	S	N			
2N2996	G	P	5	2N3283	
2N2997	G	P	5	2N3279	
2N2998	G	P	5	2N3284	
2N2999	G	P	5	2N3283	
2N3009	S	N	4	BSX39-BSX20-BSY18-BSY21-2N3511-EN3009	2SC321
2N3010	S	N	4	BSX27-BSX19-BSY18-BSY21-2N2369A	
2N3011	S	N	4	BSX28-BSX20-BSY63-BSY62B-BSY19-BSS12-2N2369-EN3011-2N2369A	
2N3012	S	P	4	BSX29-BC178-BSY62-BSY72-MM2894-2N4313-2N2894	
2N3013	S	N	4	BSX26-BSX19-BSX48-BSY21-BSX20-BSY63-2N3511-BC107-EN3013	
2N3014	S	N	4	BSX26-BSX48-BSX20-2N3511-EN3014	
2N3015	S	N	6A	BSX30-BSY34-2N2218-2N2537	
2N3016	S	N			
2N3017	S	N			
2N3018	S	N			
2N3019	S	N	6A	BFY56-2N2243A-SE6021	
2N3020	S	N	6A	BFY56-2N1893-SE6023-2N2243A	
2N3021	S	P	12	2N5384	
2N3022	S	P	12	2N5384	
2N3023	S	P	12	2N5384	
2N3024	S	P	12	2N5384	
2N3025	S	P	12	2N5384	
2N3026	S	P	12	2N5384	
2N3033	S	N	4	BF177	

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCLOLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2N3063	S	P	4	2N2944-2N2945	
2N3064	S	P	4	2N2944-2N2945	
2N3065	S	P	4	2N2944-2N2945	
2N3072	S	P	6A	BFY64-2N2904-2N3645-2N2905	
2N3073	S	P	4	BFY64-2N2906-2N2907-2N3645	
2N3074	G	P		AF106-AF109-AF180	2SA230
2N3075	G	P		AF200-AF181-AF121	2SA230
2N3076	S	N			
2N3077	S	N	6A	2N2484	
2N3078	S	N	6A		
2N3979	S	N		2N3846	
2N3080	S	N		2N3847	
2N3081	S	P	6A		
2N3082	S	N		3N76-3N79	
2N3083	S	N		3N74-3N79	
2N3107	S	N	6A	2N2243-2N2243A-SE6020	
2N3108	S	N	6A	BFW24-BFY44-BSX46-BSX45-BSY46-2N1613-2N3568-BFY55	
2N3109	S	N	6A	BFW25-2N697	
2N3110	S	N	6A	BFY56-BFY44-BFW26-BFX45-BSX45-2N2218A-SE6021-2N2243A	
2N3114	S	N	6A	BFY57-BD115-2N3500-2N5183	
2N3115	S	N	4	2N2221-2N4436-2N2222	
2N3116	S	P	27	2N2221-2N4437-2N2222	
2N3117	S	N	6A	BFY77-BSX20-BSY63-BSY21-BSY19-2N2484-SE4020	
2N3118	S	N	6A		
2N3119	S	P	6A		
2N3120	S	P	6A	BFY64-2N2800-EN1132	
2N3121	S	P	4	BSX36-2N2837-2N2906-2N2907-EN722	

2N3034

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2N3034	S	N	4	BF177	
2N3035	S	N	4	BC107A	
2N3036	S	N	6A	BFY45-BFY80-BSX21-2N3019-2N2243A	
2N3037	S	N	17C	2N1893	
2N3038	S	N	17C	2N1893	
2N3039	S	P	17C		
2N3040	S	P	17C		
2N3043	S	N	Spec.	2N2916	
2N3044	S	N	Spec.	2N2918	
2N3045	S	N	Spec.	2N2914	
2N3046	S	N	Spec.	2N2915	
2N3047	S	N	Spec.	2N2917	
2N3048	S	N	Spec.	2N2913	
2N3049	S	P	Spec.		
2N3050	S	P	Spec.		
2N3051	S	P	Spec.		
2N3052	S	N	Spec.		
2N3053	S	N	6A	BSX45-2N2243A-2N3498	
2N3054	S	N	11	BUY46-BDY13	
2N3055	S	N	12	BDY39-BDX10-2N3713-BD130	
2N3056	S	N	4	BSX33-2N2243-EN870-2N2243A	
2N3057	S	N	4	BSX33-2N2243-2N4946-2N2243A	
2N3058	S	P	4	2N2944-2N2945	
2N3059	S	P	4	2N2944-2N2945	
2N3060	S	P	4	BSY16-BCY11-2N2944-2N2945	
2N3061	S	P	4	2N2944-2N2945	
2N3062	S	P	4	2N2944-2N2945	

2N3122

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOC COLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2N3122	S	N			
2N3123	S	N	6A		
2N3124	G	P			
2N3125	G	P		2N456A-2N3146	
2N3126	G	P		2N456A-2N3146	
2N3127	G	P	5		
2N3128	S	N	Spec.		
2N3129	S	N	Spec.		
2N3130	S	N	Spec.		
2N3131	S	N			
2N3132	G	P		ADY26-2N1100-TI3031-TI3027	
2N3133	S	P	6A	BSV15-2N2904-2N2905-EN1122	
2N3134	S	P	6A	BFY64-2N2905-2N3644	
2N3135	S	P	4	BSX36-EN722	
2N3136	S	P	4		
2N3137	S	N	6A	BSY58-2N2218-2N3564-2N3014	
2N3138	S	N	27	2N3766	
2N3139	S	N	27		
2N3140	S	N	27		
2N3141	S	N	27		
2N3142	S	N	27		
2N3143	S	N	27		
2N3144	S	N	27		
2N3145	S	N	27		
2N3146	G	P	12	2N3616-2N456A	
2N3147	G	P	12	2N3616-2N456A	
2N3148	G	P			

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOC COLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2N3633	S	N	4A	BLY60-BLY23	
2N3634	S	P	6A		
2N3635	S	P	6A		
2N3636	S	P	6A		
2N3637	S	P	6A		
2N3638	S	P	4	2N5457-2N5447	
2N3638A	S	P	4	2N5447	
2N3639	S	P			
2N3640	S	P		MPS3640-TIS54	
2N3641	S	N	4	MPS6530-2N5449	
2N3642	S	N	4	BC337-MPS6530-2N5449-2N2219	
2N3643	S	N	4	MPS6531-2N5449-2N2219	
2N3644	S	P	4	BC327-2N5449	
2N3645	S	P	4	2N4142	
2N3646	S	N		MPS3646-2N4422-BSY34-BSX80	
2N3647	S	N	4	BSX26-2N3303-2N3009	
2N3648	S	N	4	BSX26-2N3303-2N3009	
2N3659	S	N		2N5058	
2N3660	S	P	6A	2N3719	
2N3661	S	P	6A	2N3720	
2N3662	S	N	4	BF173-BF200-2N5770-2N3563	
2N3663	S	N	4	BF173-2N5770-2N3563	
2N3664	S	N	16C		
2N3665	S	N	6A	BFY56-2N2432	SE6021
2N3666	S	N	6A	BFY56-2N2432-SE6021	
2N3667	S	N		2N3715	
2N3671	S	P	6A	2N2905-2N3644	

2N3672

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOC COLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2N3672	S	P	4	2N2905-2N3638A-BSX36	
2N3673	S	P	4	BSX36-2N2905-2N3638A	
2N3675	S	N		2N4238	
2N3676	S	N		2N4239	
2N3677	S	P		2N2944-2N2945	
2N3678	S	N	6	2N3568	
2N3680	S	N	36		
2N3681	S	N		2N3570	
2N3682	S	N		2N918	
2N3683	S	N		2N3570	
2N3688	S	N		2N3689-2N3690	
2N3689	S	N		2N3688	
2N3690	S	N		2N3688-2N3689	
2N3691	S	N		MPS6512-TIS98	
2N3692	S	N	4	MPS6513-TIS98	
2N3693	S	N	4	2N3694	
2N3694	S	N		2N3693	
2N3700	S	N	4	BSX36-BSX47-SE6021	
2N3701	S	N	4	BSX36-BSX47-SE6021	
2N3702	S	P	21	BC257A-BC177-BC308-BC157-BC261-BC204	2SA565
2N3703	S	P	21	BC257-BC147-BC177-BC307-BC157-BC261-BC204	2SA565
2N3704	S	N	21	BC337-BC140-2N2222-2N3566-MPS3704	
2N3705	S	N	21	BC337-2N2221-2N3566-MPS3705-BC140	
2N3706	S	N	21	BC337-BSX75-BC338-BC168-2N2222-2N3566-BC140-MPS3706	
2N3707	S	N	21	BC167-BC173-BC237-BC149-BC209-BC184-MPS6520-SE4010-BC169-MPS3707-EN4124	2SC458
2N3708	S	N	21	BC167-BC237-MPS3708-EN4121-EN4123-2N3565-BC207A-MPS6566-BC171-BC147	2SC458
2N3709	S	N	21	BC167-BC237-BC170-MPS3709-EN3903-EN4123-BC147-BC207A-MPS6566-BC171A	2SC458

2N3737

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOC COLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2N3737	S	N	4	2N3725-2N3725A	
2N3738	S	N	11	BU126	
2N3739	S	N	11		
2N3740	S	P	11		
2N3741	S	P	11		
2N3742	S	N	6A	2N5058	
2N3743	S	P	6A		
2N3744	S	N	27C	2N3996	
2N3745	S	N	27C	2N3996	
2N3746	S	N	27C	2N3996	
2N3747	S	N	27C	2N3996	
2N3748	S	N	27C	2N3996	
2N3749	S	N	27C	2N3996	
2N3750	S	N	27C	2N3996	
2N3751	S	N	27C	2N3996	
2N3752	S	N	27C	2N3996	
2N3762	S	P	6	2N3996-2N3244	
2N3763	S	P	6A		
2N3764	S	P	4	2N2907-2N3486	
2N3765	S	P	4	2N2907-2N3486A	
2N3766	S	N	11	BDY13-BD124-BDY13X	
2N3767	S	N	11	BDY13	
2N3770	G	P			
2N3771	S	N	12	2N5301	
2N3772	S	N	12	2N3715-2N5302	
2N3773	S	N	12	BUY12-BD124-BUY561V	
2N3774	S	P		2N4234	

TIPO	G = GERMANIO S = SILICIO		ZUC COLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
	P = PNP N = NPN				
2N3775	S	P		2N4235	
2N3776	S	P		2N4236	
2N3777	S	P		2N4236-2N4033	
2N3778	S	P		2N4234	
2N3779	S	P		2N4235	
2N3780	S	P		2N4236	
2N3781	S	P		2N4236	
2N3782	S	P		2N4234	
2N3783	G	S	5	2N5043-TIXM101	
2N3784	G	P	5	2N5043-TIXM101	
2N3785	G	P	5		
2N3788	S	P			
2N3789	S	P	12	2N3789	
2N3790	S	P	12	2N3789	
2N3791	S	P	12	2N3789	
2N3792	S	P	12	2N3789	
2N3793	S	N	39	BC168-BC171-BC167-BC182-BC207-BC237-MPS6530	
2N3794	S	N	39	BC167-BC172-BC168-BC183-BC208-BC238-MPS6531	
2N3795	S	P			
2N3798	S	P	4	2N2605	
2N3799	S	P	4	2N2605	
2N3800	S	P	36	2N3350-2N3352	
2N3801	S	P	36	2N3350-2N3352	
2N3802	S	P	36	2N3347-2N3350	
2N3803	S	P	36	2N3350-2N3351	
2N3804	S	P	36	2N3350	
2N3805	S	P	36	2N3350	

2N3806

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCULO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2N3806	S	P	36	2N3350	
2N3807	S	P	36	2N3350	
2N3808	S	P	36	2N3350	
2N3809	S	P	36	2N3350	
2N3810	S	P	36	2N3350	
2N3811	S	P	36	2N3350	
2N3812	S	P	Spec.		
2N3813	S	P	Spec.		
2N3814	S	P	Spec.		
2N3815	S	P	Spec.		
2N3816	S	P	Spec.		
2N3817	S	P	Spec.		
2N3818	S	N	27A		
2N3825	S	N	21	BC109-BC184-BC173-BC209-MPS3398	
2N3826	S	N	21	2N4994-2N3903-MPS3826-MPS3693	
2N3827	S	N	21	2N4995-2N3904-MPS3827-MPS3694	
2N3828	S	N	21	BC109-BC171-BC173-BC107-BC207-BC182-MPS6565	
2N3829	S	P	6A	2N3964	
2N3830	S	N	6A	BFX34	
2N3831	S	N	6A	BD131	
2N3832	S	N	5	BSY19	
2N3833	S	N	17		
2N3834	S	N	17		
2N3835	S	N	17		
2N3836	S	N			
2N3837	S	N			
2N3838	S	N/P	Spec.	BC107-BC171-BC182-MPS6565-BC207	

TIPO	G = GERMANICO S = SILICIO	P = PNP N = NPN	ZOCULO	EQUIVALENZE EUROPEE AMERICANE	EQUIVALENZE GIAPPONESI
2N3839	S	N	5	2N3570-SE3005-2N3571-BFX62	
2N3840	S	P		2N2945-2N2946	
2N3841	S	P		2N2945-2N2946	
2N3842	S	P		2N2945-2N2946	
2N3843	S	N	4	MPS6512-2N4400	
2N3844	S	N	4	MPS6512-2N4400-SE6001-2N5830	
2N3845	S	N	4	BC109-BC171-BC173-BC107-BC207-BC182-MPS6512-2N4400-MPS6565-SE6001	
2N3846	S	N	27A		
2N3847	S	N	27A		
2N3848	S	N	27A		
2N3849	S	N	27A		
2N3850	S	N		2N3998	
2N3851	S	N		2N3998	
2N3852	S	N		2N3998	
2N3853	S	N		2N3998	
2N3854	S	N		2N3691-MPS6512-2N2903	
2N3855	S	N		MPS6512-2N3691-2N3903-BC107A-BC182-MPS6566-BC207A	
2N3856	S	N		BC108B-BC107A-BC168B-BC238B-MPS6513-2N3692-BC207A-MPS6566-BC182-TN3904	
2N3857	S	P	6A	2N2944-2N2945	
2N3858	S	N	4	MPS6512-TIS98-MPS3693-2N3694	
2N3859	S	N	4	MPS6513-2N3694-TIS98-MPS3694	
2N3860	S	N	4	MPS6514-MPS3694-TIS98-2N3694	
2N3861	S	N			
2N3862	S	N	4		
2N3863	S	N		2N3715	
2N3864	S	N		2N3716	
2N3865	S	N			

2N3866

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCCHOLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2N3866	S	N	6A	BFX55	
2N3867	S	P		2N5333	
2N3868	S	P		2N5333	
2N3869	S	N			
2N3876	S	N			
2N3877	S	N		BF178-2N4410-2N5830-TIS98	
2N3878	S	N	11	BDY13-BD124	
2N3879	S	N	11		
2N3880	S	N			
2N3881	S	N			
2N3883	G	P	6A		
2N3900	S	N	4	MPS6515-TIS98-2N4401-SE6002	
2N3901	S	N	4		
2N3902	S	N	12		
2N3903	S	N	21E	BC167A-BFY19-BF195-BC237A-EN3903	
2N3904	S	N	21E	BC167A-BC195-BF194-BFY19-BC237A-BSY34-EN3904	
2N3905	S	P	21E	BC307-BCY70-EN3905-BC251-BC212-BC204	
2N3906	S	P	21E	BC307A-BCY70-EN3906-BC251-BC212-BC204	
2N3907	S	N		BFY81-2N2915	
2N3908	S	N		BFY81 2N2916	
2N3910	S	P		2N2944-2N2945	
2N3911	S	P		2N2944-2N2945	
2N3912	S	P		2N2944-2N2945	
2N3913	S	P		2N2944-2N2945	
2N3914	S	P		2N2944-2N2945-2N2906	
2N3915	S	P		2N2944-2N2945	
2N3916	S	N			

TIPO	G = GERMANIO S = SILICIO			ZOCOLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
	P = PNP N = NPN					
2N3917	S	N				
2N3918	S	N				
2N3919	S	N				
2N3920	S	N				
2N3923	S	N			BFX98	
2N3924	S	N	6A		BFW46-BFY66-2N3553-BEY99	
2N3925	S	N	16C		2N3375	
2N3926	S	N	27A		BLY57	
2N3927	S	N	27A		BLY58	
2N3928	S	N				
2N3929	S	N				
2N3930	S	P			BFX90-2N2605-2N4889-2N3497	
2N3931	S	P			BFX91-2N4889	
2N3932	S	P	5			
2N3933	S	N	5			
2N3941	S	N			2N2920	
2N3942	S	N			2N2920	
2N3943	S	N			2N2920	
2N3944	S	N			2N2920	
2N3945	S	N	6A		2N3568	
2N3946	S	N	4		BFX91-2N4889	
2N3947	S	N	4		2N2217-2N2219	
2N3948	S	N	6A			
2N3950	S	N	27A			
2N3953	S	N				
2N3959	S	N	4		2N4313	
2N3960A	S	N	4		BFX62-2N4313	

2N3961

TIPO	G = GERMANIO S = SILICIO	PNP NPN	ZOCLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2N3961	S	N	16D		
2N3962	S	P	6A	BFW20-BFX37-2N2605-2N3963-2N4249	
2N3963	S	P	6A	2N2605	
2N3964	S	P	6A	BFW22-2N2605-2N4250-BCY67	
2N3965	S	P	6A	BFW23-2N2605-2N4250A	
2N3973	S	N		2N4400-2N5449-2N3641	
2N3974	S	N		2N4401-2N5449-2N4400-2N3642	
2N3975	S	N		2N4400-2N5449-2N3641	
2N3976	S	N		2N4401-2N5449-2N4400-2N3642	
2N3977	S	P		2N2944-2N2945	
2N3978	S	P		2N2944-2N2945	
2N3979	S	P		2N2944-2N2945	
2N3981	S	N	6A		
2N3982	S	N	6A		
2N3983	S	N	4PL	TIS62	
2N3984	S	N	4PL	TIS63	
2N3985	S	N	4PL	TIS63	
2N3995	G	P	6A	2N2929-2N1195	
2N4000	S	N	6A	2N3019	
2N4001	S	N	6A	BSW66	
2N4002	S	N			
2N4003	S	N			
2N4004	S	N	17D		
2N4005	S	N	17D		
2N4006	S	P			
2N4007	S	P			
2N4008	S	P		2N2944-2N2945	

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCOLLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2N4009	S	P			
2N4010	S	P			
2N4011	S	P		BSX32-BSX48	
2N4012	S	N	27		
2N4013	S	N	6A		
2N4014	S	N		BSX32-BSX49-2N2219	
2N4015	S	P		BFX11-2N3350	
2N4016	S	P		BFX11-2N3350	
2N4017	S	P		BFX36-2N3350	
2N4018	S	P		BFX36-2N3350	
2N4019	S	P		BFX36-2N3350	
2N4020	S	P		BFX36-2N3350	
2N4021	S	P		BFX36-2N3350	
2N4022	S	P		BFX36-2N3350	
2N4023	S	P		BFX36-2N3350	
2N4024	S	P		BFX36-2N3350	
2N4025	S	P		BFX36-2N3350	
2N4026	S	P	4	BFX38-BC160-BCW76-2N1132-2N2907-2N2906A-2N4354	
2N4027	S	P	4	BFX40-2N2906-2N4356-2N2907	
2N4028	S	P	4	BFX39-2N2907-2N4355	
2N4029	S	P	4	BFX40-2N2907-2N4356	
2N4030	S	P	4	BFX38-BCW80-BFX39-BC161-2N2905-2N4354	
2N4031	S	P	4	BFX40-BCW80-BFX41-BC161-2N2905-2N4356	
2N4032	S	P	4	BFX38-BC161-BCW80-2N4042-2N4355-2N2905	
2N4033	S	P	4	BFX40-BC161-BCW80-2N2905-2N4356	
2N4034	S	P		BFX48-2N3250-2N4121	
2N4035	S	P		BFX48-2N3250-2N4922	

2N4036

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCCHOLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2N4036	S	P	6	BFR23-2N2904-2N2905	
2N4037	S	P	6	BFR24-2N2904-2N2905	
2N4038				Fet	
2N4039				Fet	
2N4040	S	N	45		
2N4041	S	N	45		
2N4042	S	N		2N3680	
2N4043	S	N		2N3680	
2N4044	S	N		2N3680	
2N4045	S	N		2N3680	
2N4046	S	N		BFX17-BSX32-2N3252-2N2218	
2N4047	S	N		BFX17	
2N4048	G	P	26		
2N4049	G	P	26		
2N4050	G	P	26		
2N4051	G	P	26		
2N4052	G	P	26		
2N4053	G	P	26		
2N4054	S	N			
2N4055	S	N			
2N4056	S	N			
2N4057	S	N			
2N4058	S	P	21	BC258-BC253-BC178-BC258A-BC206-BC258B-MPS6522-BC263-BC179-2N4248-2N5086	2SA565
2N4059	S	P	21	BC258-BC250-BC308B-BC258A-BC204-BC258B-MPS6516-BC261-BC177-2N5087-2N5086-2N4248	
2N4060	S	P	21	BC258-BC308-MPS6516-2N4248-2N5086	
2N4061	S	P	21	BC258-BC308-MPS6517-2N4248-2N5086	
2N4062	S	P	21	BC258-BC308-MPS6518-2N4250-2N5087	

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCULO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2N4063	S	N	24B		
2N4064	S	N	24B		
2N4065				Fet	
2N4067				Fet	
2N4068	S	N	2A		
2N4069	S	N	2A		
2N4070	S	N	12	2N3448	
2N4072	S	N	4	2N2863	
2N4073	S	N	6A	2N2863	
2N4074	S	N	4		
2N4075	S	N		2N3764-2N3996	
2N4076	S	N		BDY13-BD124-2N3996	2SC830
2N4077	G	N		AD161	
2N4078	G	P		AD162-2N4078	2SB367
2N4079	G	N		AD161-AD162	
2N4080	S	P	4		
2N4081	S	N		2N4252	
2N4082	S	N		2N4083 Fet	
2N4085				Fet	
2N4086	S	N		MPS6514-TIS98-2N4400-2N5135	
2N4087	S	N		MPS6515-TIS97-2N4401-2N5135	
2N4088				Fet	
2N4095				Fet	
2N4096	S			BRY32 Fet	
2N4097	S			BRY33	
2N4098	S			BRY34 Fet	
2N4099	S	N		2N3680	

2N4100

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCOLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2N4100	S	N			
2N4104	S	N	4	2N2484	
2N4106	G	P		AC153-AC152-AC131-AC128-MPS2060	2SB370A
2N4108	S			BRY32	
2N4109	S			BRY33	
2N4110	S			BRY34	
2N4111	S	N	12		
2N4112	S	N	12		
2N4113	S	N	12		
2N4114	S	N			
2N4115	S	N		2N3996	
2N4116	S	N		BDY13-BD124-2N3996	2SC830
2N4117	S	N	5	2N4118-2N4119 Fet	
2N4118	S	N	5	2N4119 Fet	
2N4119	S	N	5	2N4139 Fet	
2N4121	S	P		BFX48-2N3905-2N4423	
2N4122	S	P		BFX48-2N3906-2N4423	
2N4123	S	N	21E	TIS99-EN4123	
2N4124	S	N	21E	TIS98-EN4124-BC237-BC171-BC182-BC207	
2N4125	S	P	21E	2N5447-EN25	
2N4126	S	P	21E	2N4061-EN4126-BC308-BC252-BC231-BC205	
2N4127	S	N	40A		
2N4128	S	N	40A		
2N4130	S	N	12		
2N4131	S	N			
2N4132	S	N			
2N4133	S	N			

TIPO	S = GERMANIO S = SILICIO		P = PNP N = NPN	ZOC COLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESE
2N4134	S	N			BFX19	
2N4135	S	N			BFX19	
2N4137	S	N			BSX28-BFX34-2N4275	
2N4138	S	N	4		BFX34-2N2432	
2N4140	S	N	4		2N4400	
2N4141	S	N	4		2N4401	
2N4142	S	P	4		2N4402	
2N4143	S	P	4		2N4403	
2N4150	S	N	6A		2N3421	
2N4207	S	P			2N4257	
2N4208	S	P			2N4258	
2N4209	S	P			2N4258	
2N4210	S	N	27		2N4002	
2N4211	S	N	27		2N4002	
2N4220	S	N	5E		2N4220A Fet	
2N4221	S	N	5E		2N4221A Fet	
2N4222	S	N	5E		2N4222A Fet	
2N4223	S	N	5E		2N4224 Fet	
2N4224	S	N	5E		2N4223 Fet	
2N4225	S	N	6A			
2N4226	S	N	6A			
2N4227	S	N	4		2N4400	
2N4228	S	P	4			
2N4231	S	N	11			
2N4232	S	N	11			
2N4233	S	N	11			
2N4234	S	P	6A		2N4235	

2N4235					EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOC COLO			
2N4235	S	P	6A	2N5333		
2N4236	S	P	6A	2N5333		
2N4237	S	N	6A	BFX34		
2N4238	S	N	6A	BFX34		
2N4239	S	N	6A	BFX34		
2N4240	S	N	11			2SB471
2N4241	G	P		AD149-TI3027		
2N4242	G	P	12	TI3027-TI3028		
2N4243	G	P	12	TI3027-TI3028		
2N4244	G	P	12	TI3027-TI3028		
2N4245	G	P	12	TI3027-TI3028		
2N4246	G	P	12	TI3027-TI3028		
2N4247	G	P	12	TI3027-TI3028		
2N4248	S	P		2N4058-2N5086		
2N4249	S	P		2N4058-2N5086		
2N4250	S	P		2N4059-2N5987		
2N4251	S	N				
2N4252	S	N	5			
2N4253	S	N	5	2N4252		
2N4254	S	N	21	2N4996-MPS6547-2N4770-SE3005-BF195		
2N4255	S	N	21	2N4997-MPS6547-2N5770-SE3005-BF195		
2N4256	S	N	21	2N3904-2N5772-2N4274		
2N4257	S	P				
2N4258	S	P				
2N4259	S	N	4	2N4252-BFX62-BFY88		
2N4260	S	P	5	2N4261		
2N4261	S	P	5	2N4260		

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCCHIO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2N4262	S	P			
2N4263	S	P			
2N4264	S	N	21E	2N4275-BC238	
2N4265	S	N	21E	BC238-2N4274	
2N4269	S	N	4	2N2243A	
2N4270	S	N	6A		
2N4271	S	N	6A		
2N4272	S	N	6A		
2N4273	S	N	11		
2N4274	S	N		2N4419-BSX90	
2N4275	S	N		2N4418	
2N4276	G	P	12	2N4277	
2N4277	G	P	12	2N4279	
2N4278	G	P	12	2N4279	
2N4279	G	P	12	2N4281	
2N4280	G	P	12	2N4281	
2N4281	G	P	12	2N4283	
2N4282	G	P	12	2N4283	
2N4283	G	P	12	2N4282	
2N4284	S	P	39	2N2944-2N2945	
2N4285	S	P	39	2N4060	
2N4286	S	N	39	BC167-BC207-BC168-BC171-BC238-MPS6515-MPS6566-BC182-BC237-TIS98	2SC458
2N4287	S	N	39	BC277-BC171-BC237-BC207-MPS6566-TIS98-BC182	2SC458
2N4288	S	P	39	BC178-BC262-BC213-BC205-MPS6518	2SC565
2N4289	S	P	39	BC177-BC307-2N5086-BC183-BC204	2SA565
2N4290	S	P	39	BC179-BC263-BC214-NC206-BC206-2N5447-MPS6533	2SA565
2N4291	S	P	39	BC179-BC263-BC214-BC206-2N5447-MPS6534	

2N4292

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCOLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2N4292	S	N	39	BFX59-BC173-BC184-BFX62-BC209-BC239-2N1132-TIS62-MPS6518	
2N4293	S	N		BC179-BC173-BC184-BC139-BC209-TIS62-MPS6518-BC239	
2N4294	S	N		2N4264	
2N4295	S	N		2N4264	
2N4296	S	N	11		
2N4297	S	N	11		
2N4298	S	N	11		
2N4299	S	N	11		
2N4300	S	N	6A		
2N4301	S	N	27B		
2N4302				Fet	
2N4303				Fet	
2N4304				Fet	
2N4305	S	N			
2N4306	S	N			
2N4307	S	N			
2N4308	S	N			
2N4309	S	N			
2N4310	S	N			
2N4311	S	N			
2N4312	S	N			
2N4313	S	P		2N4423	
2N4314	S	P	6A		
2N4342	S	P		2N4343 Fet	
2N4343	S	P		2N4360 Fet	
2N4346	G	P	12		
2N4347	S	N	12	BDX12	

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCOLLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2N3710	S	N	21	BC167-BC171-BC237-BC207-BC182-MPS6565-EN4124-MPS3710-EN3904	2SC458
2N3711	S	N	21	BC167-BC237-BC107-MPS3711-2N3565-EN3904-BC171B-BC207B	2SC458
2N3712	S	N	6A	BD115	
2N3713	S	N	12	BDY39	
2N3714	S	N	12	BDY39	
2N3715	S	N	12	BDY39	
2N3716	S	N	12	BDY39	
2N3717	S	N		BSY34	
2N3718	S	N			
2N3719	S	P	6A	BSX62-2N5333	
2N3720	S	P	6A	BSX63-2N5333	
2N3721	S	N	4	BC168-MP3721-2N5135	
2N3722	S	N	6A	BSX46-2N3015	
2N3723	S	N	6A	BSX47-2N3015	
2N3724	S	N	6A	BSX32-BSY34-BSY73-2N3725-BSX60-BSY58	
2N3725	S	N	6A	BSX32-BSX59-BSX73	
2N3726	S	P		BFX11	
2N3727	S	P		BFX11	
2N3728	S	N			
2N3729	S	N			
2N3730	G	P	12		
2N3731	G	P	12	AU106	
2N3732	G	P	12	AUY22-AUY28-MPS6530-BC207	
2N3733	S	N		2N3632	
2N3734	S	N	6A	BFX17	
2N3735	S	N	6A		
2N3736	S	N	4A	BSX32	

TIPO	MATERIALE		ZOC-COLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
	G = GERMANIO S = SILICIO	P = PNP N = NPN			
2N4348	S	N	12		
2N4350	S	N		2N4349	
2N4351	S	N	5F	2N4416-2N4416A-2N4381 Fet	
2N4352	S	P	5F	Fet	
2N4353	S	P	5F	Fet	
2N4354	S	P		BFX39	
2N4355	S	P		BFX38	
2N4356	S	P		BFX41	
2N4357	S	P		BFX90-2N2605-2N4889-2N3494	
2N4358	S	P		BFX90-2N2605-2N4889-2N3494	
2N4359	S	P		2N4248-BFX37	
2N4360	S	P		2N4343 Fet	
2N4383	S	N	6A		
2N4384	S	N	4		
2N4385	S	N	6A		
2N4386	S	N	4		
2N4387	S	P	11		
2N4388	S	P	11		
2N4389	S	P			
2N4390	S	N		BFR25-2N5058	
2N4391	S	N	4C	Fet	
2N4392	S	N	4C	Fet	
2N4393	S	N	4C	BSV68 Fet	
2N4395	S	N	12	2N3715	
2N4396	S	N	12	2N3715	
2N4397	S	N		2N4252	
2N4398	S	P	12	2N4398	

2N4399

TIPO	G = GERMANIO S = SILICIO	PNP P = NPN N =	ZOC COLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2N4399	S	P	12	2N4398	
2N4400	S	N	21E	2N5449-2N3642	
2N4401	S	N	21E	2N5449-2N3643	
2N4402	S	P	21E	BC307-2N2904-2N2905-EN2907	
2N4403	S	P	21E	BC307-2N2904-EN2907	
2N4404	S	P	6A		
2N4405	S	P	6A		
2N4406	S	P	6A		
2N4407	S	P	6A		
2N4409	S	N	21E	2N5830	
2N4410	S	N	21E	2N5830	
2N4411	S	P			
2N4412	S	P			
2N4413	S	P			
2N4414	S	P			
2N4415	S	P			
2N4416	S	N	5C	Fet	
2N4417			5C	Fet	
2N4418	S	N	21A	2N4264-2N4275-2N5772	
2N4419	S	N	21A	2N4264-2N4274-2N5772	
2N4420	S	N	21A	MPS3646-2N3646-2N5769	
2N4421	S	N	21A	MPS3646-2N3646-2N5769	
2N4422	S	N	21A	MPS3646	
2N4423	S	N	21A	2N4421-2N5771-MPS3640-EN2894A	
2N4424	S	N	21	BC337-MPS3711-2N4946-2N4401	
2N4425	S	N	21	BC337	
2N4427	S	N	6A		

TIPO	MATERIALE			ZOCCHOLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
	G = GERMANIO S = SILICIO	P = PNP N = NPN				
2N4428	S	N	6A		BFX55	
2N4429	S	N	40A			
2N4430	S	N	40A			
2N4431	S	N	40A			
2N4432	S	N				
2N4436	S	N			2N5449	
2N4437	S	N			2N5449	
2N4438	S	N				
2N4439	S	N				
2N4440	S	N	27		2N3632	
2N4449	S	N			2N4275	
2N4450	S	N			BFX95-2N3568	
2N4451	S	P			2N4313	
2N4452	S	P			2N3638	
2N4453	S	P			2N4313	
2N4572	S	P			2N4258	
2N4573	S	N			2N4275	
2N4576	S	N			2N3716	
2N4862	S	N	4			
2N4863	S	N	6			
2N4864	S	N	11			
2N4865	S	N				
2N4866	S	N				
2N4872	S	P			BFY64	
2N4873	S	N				2SC639
2N4874	S	N	6A		2N4875	
2N4875	S	N	6A			

2N4876

TIPO	G = GERMANIO S = SILICIO	PNP NPN	ZOCLO N	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2N4876	S	N	6A	2N4875	
2N4877	S	N			
2N4878	S	N			
2N4879	S	N			
2N4880	S	N			
2N4888	S	P			
2N4889	S	P			
2N4890	S	P	6A	BSV16	
2N4895	S	N	6A	BFX34	
2N4896	S	N	6A	BFX34	
2N4897	S	N	6A	BFX34	
2N4898	S	P	11		
2N4899	S	P	11		
2N4900	S	P	11		
2N4901	S	P	12		
2N4902	S	P	12		
2N4903	S	P	12		
2N4904	S	P	12		
2N4905	S	P	12		
2N4906	S	P	12		
2N4907	S	P	12	2N4909	
2N4908	S	P	12		
2N4909	S	P	12	2N5745	
2N4910	S	N	11	2N4911	
2N4911	S	N	11	2N4912	
2N4912	S	N	11	2N4911	
2N4913	S	N	12		

TIPC	G = GERMANIO S = SILICIO P = FNP N = HPN	ZOCCHIO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2N4914	S	N	12	
2N4915	S	N	12	
2N4916	S	P		BFX48
2N4917	S	P		BFX48
2N4918	S	P	29	BD132-TIP30-2N6124-SDC445
2N4919	S	P	29	BD138-TIP30A-SDD445-2N6125
2N4920	S	P	29	BD140-TIP30A-SDE445-2N6126
2N4921	S	N	29	BD131-TIP29-SDC345-2N6121
2N4922	S	N	29	BD137-TIP29A-SDD345-2N6122
2N4923	S	N	29	BD139-TIP29A-SDE345-2N6123
2N4924	S	N	6A	
2N4925	S	N	6A	
2N4926	S	N	6A	
2N4927	S	N	6A	
2N4928	S	P	6A	
2N4929	S	P	6A	
2N4930	S	P	6A	
2N4931	S	P	6A	
2N4932	S	N	27A	
2N4933	S	N	27A	
2N4934	S	N	4B	2N4252
2N4935	S	N	4B	2N4252
2N4936	S	N	4B	2N5449
2N4937	S	P	36	
2N4938	S	P	36	
2N4939	S	P	36	
2N4940	S	P		

2N4941

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCCHO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2N4941	S	P			
2N4942	S	P			
2N4943	S	N			
2N4944	S	N		2N4252	
2N4945	S	N			
2N4946	S	N		2N5449	
2N4950	S	N			
2N4951	S	N	21	BC337-2N3705-2N4400-2N5450-2N3641	
2N4952	S	N	21	2N3704-2N4401-2N5499-2N3643	
2N4953	S	N	21	BC337-2N4401-2N3643	
2N4954	S	N	21	BC338-2N5449-2N4401-2N4400-2N3641	
2N4955	S	N			
2N4956	S	N			
2N4957	S	P	5		
2N4958	S	P	5		
2N4959	S	P	5		
2N4960	S	N		SE6020	
2N4961	S	N		SE6021	
2N4962	S	N		SE6022	
2N4963	S	N		SE6023	
2N4964	S	P		2N4060	
2N4965	S	P		2N4058	
2N4966	S	N		TIS99	
2N4967	S	N		TIS99	
2N4968	S	N		TIS99	
2N4969	S	N			
2N4970	S	N			

TIPO	MATERIALE			ZOCCHIO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
	G = GERMANIO S = SILICIO	P = PNP N = NPN				
2N4971	S	N				
2N4972	S	N				
2N4973	S	P				
2N4974	S	P	4E			
2N4975	S	P	4E			
2N4976	S	N			2N4875-TIS39	
2N4980	S	P				
2N4981	S	P				
2N4982	S	P				
2N4994	S	N	21A		MPS3693-2N3903	
2N4995	S	N	21A		2N3694-EN3904	
2N4996	S	N	21A		2N5770-SE3005-SE3002	
2N4997	S	N	21A		2N5770-SE3005-SE3002	
2N4998	S	N	27A			
2N4999	S	P	27A			
2N5000	S	N	27A			
2N5001	S	P	27A			
2N5002	S	N	27A			
2N5003	S	P	27A			
2N5004	S	N	27A			
2N5005	S	P	27A			
2N5006	S	N				
2N5007	S	P				
2N5008	S	N				
2N5009	S	P				
2N5010	S	N				
2N5011	S	N				

2N5012

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCCHOLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2N5012	S	N			
2N5013	S	N			
2N5014	S	N			
2N5015	S	N			
2N5016	S	N	27A		
2N5017	S	N			
2N5022	S	P		2N2386	
2N5023	S	P		2N2386	
2N5024	S	N			
2N5025	S	N			
2N5026	S	N	27A		
2N5027	S	N		2N5769-2N3646	
2N5028	S	N		2N5769-2N3646	
2N5029	S	N		2N5772-2N4275	
2N5030	S	N		2N5772-2N4274	
2N5031	S	N	4	2N3683-2N5032	
2N5032	S	N	4	2N3683-2N5031	
2N5033	S	P		2N5265-2N5266 Fet	
2N5034	S	N	30A	TIP33	
2N5035	S	N	30A	TIP33	
2N5036	S	N	30A	TIP33-2N3055	
2N5037	S	N	30A	BD181-TIP33	
2N5038	S	N	12		
2N5039	S	N	12		
2N5040	S	P		2N5041	
2N5041	S	P		BFS45	
2N5042	S	P			

TPO	G = GERMANIO S = SILICIO			ZOCULO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
	P = PNP N = NPN					
2N5043	G	P	5			
2N5044	G	P	5			
2N5048	S	N				
2N5049	S	N				
2N5050	S	N	11			
2N5051	S	N	11			
2N5052	S	N	11			
2N5053	S	N			2N918	
2N5054	S	N			2N918	
2N5055	S	P			2N3829-2N4313	
2N5056	S	P			2N3829-2N4313	
2N5057	S	P			2N3829-EN2894A	
2N5058	S	N	6A			
2N5059	S	N	6A			
2N5065	S	N				
2N5066	S	N			2N2432	
2N5067	S	N	12			
2N5068	S	N	12			
2N5069	S	N	12			
2N5070	S	N	27A			
2N5071	S	N	27A			
2N5072	S	N				
2N5073	S	N				
2N5074	S	N				
2N5075	S	N				
2N5076	S	N				
2N5077	S	N				

2N5078

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCOLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2N5078				Fet	
2N5079	S	N			
2N5080	S	N			
2N5081	S	N			
2N5082	S	N			
2N5083	S	P		2N3055	
2N5084	S	N			
2N5085	S	N			
2N5086	S	P	21E	BC257-BC177-BC307-2N4058-2N4249-BC261-MPS6516-BC212-BC204	2SA565
2N5087	S	P	21E	BC259-BC179-2N4249-BC177-BC261-BC204-MPS6516-BC212	
2N5088	S	N	21E	BC169-BC237-SE4021-BC173-BC184-BC209	
2N5089	S	N	21E	BC169-BC239-SE4021-BC237-BC173-BC184-BC209	
2N5090	S	N	27A		
2N5091	S	P			
2N5092	S	N			
2N5093	S	P			
2N5094	S	P			
2N5095	S	N			
2N5096	S	P			
2N5097	S	N			
2N5098	S	N			
2N5099	S	N			
2N5100	S	P			
2N5101	S	N			
2N5102	S	N	27A		
2N5106	S	N		2N5399-2N4945	
2N5107	S	N		2N5399-2N4945	

TIPO	MATERIALE			ZOCCELO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
	G = GERMANIO S = SILICIO	P = PNP N = NPN				
2N5108	S	N	6A			
2N5109	S	N	6A			
2N5110	S	P				
2N5111	S	P				
2N5112	S	P				
2N5113	S	P				
2N5126	S	N			TIS98	
2N5127	S	N			TIS98	
2N5128	S	N			2N5451	
2N5129	S	N			2N5451	
2N5130	S	N			2N5450	
2N5131	S	N			2N5451	
2N5132	S	N			2N5451	
2N5133	S	N			2N5449	
2N5134	S	N			2N4422	
2N5135	S	N				
2N5136	S	N				
2N5137	S	N				
2N5138	S	P			2N4061	
2N5139	S	P			BC308-2N3250	
2N5140	S	P			2N3250	
2N5141	S	P			2N3829	
2N5142	S	P			2N3829	
2N5143	S	P			2N3829	
2N5144	S	N				
2N5145	S	N				
2N5146	S	P				

2N5147

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCOLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2N5147	S	P	6A	2N4031	
2N5148	S	N	6A	BSX63-BSW10-BSW65	
2N5149	S	P	6A	2N4033	
2N5150	S	N	6A	2N3019	
2N5151	S	P	6A	2N4031	
2N5152	S	N	6A	BSX63-BSW10-BSW65	
2N5153	S	P	6	2N4033	
2N5154	S	N	6A	2N3019	
2N5155	G	P	12		
2N5156	G	P			
2N5157	G	N	12		
2N5160	S	P	6A		
2N5161	S	P	27A		
2N5162	S	P	27A		
2N5172	S	N	21	BC237-2N4400-2N5135	
2N5174	S	N	21		
2N5175	S	N	21		
2N5176	S	N	21		
2N5177	S	N			
2N5178	S	N			
2N5179	S	N	5		
2N5180	S	N	5		
2N5181	S	N			
2N5182	S	N			
2N5183	S	N	4		
2N5184	S	N	4	BF178-BF257	
2N5185	S	N	4		

TIPO	MATERIALE			ZOC COLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPANESE
	S = GERMANIO S = SILICIO	P = PNP N = NPN				
2N5186	S	N	4			
2N5187	S	N	4			
2N5188	S	N	6A			
2N5189	S	N	6A		BSX45-BSS13-2N3053	
2N5190	S	N	29		TIP31-SDF345-2N6121	
2N5191	S	N	29		TIP31A-SDG345-2N6122	
2N5192	S	N	29		TIP31A-SDH345-2N6123	
2N5193	S	P	29		TIP32-SDF445-2N6124	
2N5194	S	P	29		TIP32A-SDG445-2N6125	
2N5195	S	P	29		SDN445-TIP32A-2N6126	
2N5200	S	N				
2N5201	S	N				
2N5202	S	N	11			
2N5208	S	P	21F		2N3905-2N4916-2N3906	
2N5209	S	N	21E		BC237-SE4010-BC171-BC207-BC182	
2N5210	S	N	21E		BC237-SE4010	
2N5211	S	N				
2N5212	S	N				
2N5213	S	N	24D			
2N5214	S	N	40			
2N5215	S	N	27A			
2N5216	S	N	40			
2N5217	S	N	40			
2N5218	S	N				
2N5219	S	N	21E		BC238-BC239-EN4124-BC172-BC208-BC183	
2N5220	S	N	21E		BC338-2N5131	
2N5221	S	N	21E		BC338-2N5143	

2N5222

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCCHOLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2N5222	S	N	21F	BF254-2N5770-2N3563	
2N5223	S	N	21E	BC239B-EN4124	
2N5224	S	N	21E	2N4274	
2N5225	S	N	21E	BC338XVI-BC338-2N3566	
2N5226	S	N	21E	BC338XVI-BC338-2N3638-2N3638A	
2N5227	S	P	21E	EN4126	
2N5228	S	P	21E	2N3639	
2N5229	S	P			
2N5230	S	P			
2N5231	S	P			
2N5232	S	N	21E	2N5961-2N3565	
2N5232A	S	N	21E	BC167	
2N5233	S	N			
2N5234	S	N			
2N5235	S	N			
2N5236	S	N		2N3564	
2N5237	S	N			
2N5238	S	N			
2N5239	S	N	12		
2N5240	S	N	12	BDY97	
2N5241	S	N	12		
2N5242	S	P			
2N5243	S	P			
2N5244	S	P		2N4922	
2N5249	S	N	21	BC167-2N5961-2N3565-2N4961-SE4020	
2N5249A	S	N		SE4020	
2N5252	S	N			

TIPO	MATERIALE			ZOC COLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
	G = GERMANIO S = SILICIO	P = PNP N = NPN				
2N5253	S	N				
2N5254	S	P				
2N5255	S	P				
2N5256	S	P				
2N5262	S	N	6A		BFX34-BSS14-2N5266	
2N5264	S	N				
2N5271	S	N				
2N5272	S	N				
2N5276	S	N				
2N5279	S	N				
2N5280	S	N				
2N5281	S	P				
2N5282	S	P				
2N5284	S	N	27C		BDY90	
2N5285	S	N	27C			
2N5286	S	P				
2N5287	S	P				
2N5288	S	N			BDY90	
2N5289	S	N				
2N5290	S	P				
2N5291	S	P				
2N5292	S	P			2N4313	
2N5293	S	N	28A		TIP31A-2N6123-SD345	
2N5294	S	N	28		TIP31A-SD345-2N6123	
2N5295	S	N	28A		TIP31-SDA345-2N6121	
2N5296	S	N	28		2N3054S-TIP31-2N6121-SDA345	
2N5297	S	N	28A		TIP31A-SDB345-2N6122	

2N5298

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCCHOLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2N5298	S	N	28	TIP31A-SDB345-2N6122	
2N5301	S	N	12		
2N5302	S	N	12		
2N5303	S	N	12		
2N5309	S	N	21	BC167-2N5830	2SC458
2N5310	S	N	21	BC167-2N5961-2N5830	2SC458
2N5311	S	N		BC167-2N5961-2N3565-2N3635	2SC458
2N5312	S	P		2N5386	
2N5313	S	N		2N5386	
2N5314	S	P		2N5386	
2N5316	S	P		2N5384	
2N5317	S	N		2N5384	
2N5318	S	P		2N5384	
2N5319	S	N			
2N5320	S	N	6A	BSV94-BSS15	
2N5321	S	N	6A	BSS16-BSV93	
2N5322	S	P	6A	BSS17-2N4036	
2N5323	S	P	6A	BSS18-2N4036	
2N5324	G	P	12		
2N5325	G	P	12		
2N5326	S	N			
2N5327	S	N			
2N5328	S	N			
2N5329	S	N			
2N5330	S	N			
2N5331	S	N			
2N5332	S	P	4		

TIPO	G = GERMANIO S = SILICIO			ZOC COLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
	P = PNP N = NPN					
2N5333	S	P	6A			
2N5334	S	N	6A			
2N5335	S	N	6A			
2N5336	S	N	6A			
2N5337	S	N	6A			
2N5338	S	N	6A			
2N5339	S	N	6A			
2N5344	S	P	11			
2N5345	S	P	11			
2N5346	S	N	27A			
2N5347	S	N	27A			
2N5348	S	N	27A			
2N5349	S	N	27A			
2N5350	S	N				
2N5351	S	N				
2N5354	S	P	21		BC328-MPS3638-2N3638	
2N5355	S	P	21		BC328-MPS3638A-2N3638A	
2N5356	S	P	21		BC328-MPS3638-2N3638-2N4355	
2N5357	S	P	24B			
2N5365	S	P	21		BC327-2N4403-2N3644-2N3638	
2N5366	S	N	21		BC337-BC227-2N4403-2N3644-EN2907	
2N5367	S	N	21		BC327-2N4403-2N4355-2N3644	
2N5375	S	P	21A			
2N5384	S	P	27C			
2N5385	S	P	27D			
2N5386	S	P	27A		2N5380	
2N5387	S	N	27A			

2N5388

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCOLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2N5388	S	N	27A		
2N5389	S	N	27A	2N5388	
2N5390	S	N			
2N5399	S	N			
2N5400	S	P	21E	2N4888	
2N5401	S	P	21E	2N4889	
2N5404	S	P		2N5384	
2N5405	S	P		2N5384	
2N5406	S	P		2N5384	
2N5407	S	P		2N5384	
2N5408	S	P			
2N5409	S	P			
2N5410	S	P			
2N5411	S	P			
2N5412	S	N			
2N5413	S	N			
2N5414	S	N			
2N5415	S	P	6A		
2N5416	S	P	6A		
2N5417	S	N			
2N5421	S	N	6A		
2N5422	S	N	6A		
2N5423	S	N	27A		
2N5424	S	N	27A		
2N5425	S	N			
2N5426	S	N			
2N5427	S	N	11		

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCCHO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2N5428	S	N	11		
2N5429	S	N	11		
2N5430	S	N	11		
2N5435	G	P	12		
2N5436	G	P	12		
2N5437	G	P	12		
2N5438	G	P	12		
2N5439	G	P	12		
2N5440	G	P	12		
2N5447	S	P	21A	BC307-BC177-BC328-MPS3638A-2N3638A-BC204	
2N5448	S	P	21A	BC307-MPS3638-2N3638-BC204	
2N5449	S	N	21A	BC327-2N4401-2N3566-BC141	
2N5450	S	N	21A	BC327-2N4400-SE6001-BC141	
2N5451	S	N	21A	BC327-2N4401-2N3566-BC141	
2N5455	S	P			
2N5456	S	P			
2N5466	S	N			
2N5467	S	N			
2N5468	S	N			
2N5469	S	N			
2N5470	S	N			
2N5477	S	N	27A		
2N5478	S	N	27A		
2N5479	S	N	27A		
2N5480	S	N	27A		
2N5481	S	N			
2N5482	S	N			

2N5483

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCOLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2N5483	S	N			
2N5487	S	N			
2N5488	S	N			
2N5489	S	N			
2N5490	S	N	28	2N6121	
2N5491	S	N	28A	2N6121	
2N5492	S	N	28	2N6122	
2N5493	S	N	28A	2N6122	
2N5494	S	N	28	2N6121	
2N5495	S	N	28A	2N6121	
2N5496	S	N	28	2N6123	
2N5497	S	N	28A	2N6123	
2N5498	S	N			
2N5525	S	N	21		
2N5526	S	N	21		
2N5527	S	N			
2N5528	S	N			
2N5529	S	N			
2N5530	S	N			
2N5531	S	N			
2N5532	S	N			
2N5533	S	N			
2N5534	S	N			
2N5535	S	N			
2N5536	S	N			
2N5537	S	N			
2N5538	S	N			

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCULO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2N5543	S	N			
2N5550	S	N		BF176-BF178-2N5831	
2N5551	S	N		BF176-BF178-2N5833	
2N5655	S	N		BF338	
2N5769	S	N		2N5027-2N5028-2N3646	
2N5770	S	N		2N3662-2N3563-2N3663	
2N5771	S	N		2N4423-EN2894A	
2N5772	S	N		2N3605-2N4275	
2N5824	S	N		2N3904-EN3904	
2N5825	S	N		2N3904-EN3904	
2N5826	S	N		2N5961-2N3565	
2N5827	S	N		2N5961-2N3565	
2N5828	S	N		2N5961-SE4002	
2N5831	S	N		2N5832	
2N5855	S	P		2N5857	
2N5949	S	N	21G	BC337 Fet	
2N5950	S	N	21G	2N5485-FE5245 Fet	
2N5951	S	N	21G	2N5484-FE5245 Fet	
2N5952	S	N	21G	2N5485-FE5246 Fet	
2N5953	S	N	21G	2N5485-FE5246 Fet	
2N5959	S	N		2N5484-FE4245-2N5486-FE4247	
2N5960	S	P		2N5958	
2N5998	S	N		2N5961-SE4020	
2N5999	S	P		2N5086-2N4248	
2N6000	S	N		2N3904-EN3904	
2N6001	S	P		2N3906-EN3906	
2N6002	S	N		2N5088-SE4020	

2N6003

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2N6003	S	P		2N5086-2N4248	
2N6004	S	N		2N3904-EN3904	
2N6005	S	P		2N3906-EN3906	
2N6006	S	N		2N5088-SE4020	
2N6007	S	P		2N5086-2N4248	
2N6008	S	N		2N5088-SE4020	
2N6009	S	P		2N5086-2N4248	
2N6010	S	N		MPSA05-MPSA06-SE6020-2N5856	
2N6011	S	P		MPSA55-MPSA56-2N5857	
2N6012	S	N		MPSA05-MPSA06-SE6020-2N5856	
2N6013	S	P		MPSA55-MPSA56-2N5757	
2N6014	S	N		MPSA05-SE6020-MPSA06-2N5856	
2N6015	S	P		MPSA55-2N5857-MPSA56	
2N6016	S	N		MPSA05-MPSA06-SE6020-2N5856	
2N6017	S	P		MPSA55-2N5857-MPSA56	
2N6021	S	P			
2N6067	S	P		MPSA05-SE6020-MPSA06-2N5856	
2N6076	S	P		2N3906-EN3906	
2N6121	S	N		40613-2N5190-2N4921-2N5295	
2N6122	S	N		40621-2N5297-2N4922-2N5298	
2N6123	S	N		2N4923-2N5496-2N5191-2N5497	
2N6124	S	P		2N4918-D41D-2N5193-MJE370	
2N6125	S	P		2N5194-TIP30A-2N4919-TIP32A	
2N6126	S	P		2N4920-TIP30B-2N5195-TIP32C	
2NJ5A	G	P		AF185	
2NJ8A	G	P		AF185	
2NJ9A	G	P		AC128-2N2431	

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2NJ9D	G	P		AC128-2N2431	
2NJ50	G	P		AF185	
2NJ51	G	P		AF185	
2NU40	G	P		AC126-2N2429	
2NU70	G	P		AC126-2N2429	
2S001	G	P		AF178-2N2495	
2S12	G	P		AF185	
2S13	G	P		AF185	
2S14	G	P		AC128-2N2431	
2S15	G	P		AC128-2N2431	
2S15A	G	P		AC128-2N431	
2S22	G	P		AC128-2N431	
2S24	G	P		AC128-2N2431	
2S25	G	P		AF185	
2S30	G	P		AF185	
2S31	G	P		AF185-AF132-AF137-2N410-2N412-AF127-AF133-AF197	
2S32	G	P		AC128-AC131-AC153-2N2431-2N611-AC152-AC132-AC180-OC308-AC117	

TIPO	G = GERMANIO S = SILICIO	PNP NPN	ZOCOLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2S33	G	P		AC128-AC153-AC131-AC132-2N2431-2N610-AC152-OC308-AC184	
2S34	G	P		AC128-AC131-AC153-2N2431-2N568-AC117-OC308-AC180	
2S35	G	P		AF185-AF133-AF137-2N111-AF127-AF197	
2S36	G	P		AF185-AF127-ASY26-2N112-AF136-AF132-AF196	
2S37	G	P		AC128-AC153-AC131-AC132-2N2431-2N106-AC152-AC184-OC308	
2S38	G	P		AC128-AC131-AC153-2N2431-2N270-AC152-OC308-AC184	
2S39	G	P		AC128-AC125-AC163-2N2431-2N115-AC151-AC126-AC122-OC304	
2S40	G	P		AC128-ASY27-2N2431-AC153-AC117-OC308-AC180	
2S41	G	P		AD149-AF135-AD150-AF134-2N2836-2N269	
2S41A	G	P		AD149-AF134-AD150-AF135-2N2836-2N269	
2S42	G	P		AD131-ASZ15-AUY28-2N387	
2S43	G	P		AC128-AF134-AF132-AF137-2N2431-2N640-AF125-AF196-AF136	
2S44	G	P		AC126-AC128-AC131-2N407-2N408-AC153-AC117-AF180-OC308	
2S45	G	P		AF185-AF127-AF133-2N409-2N410-AF137-AF197	
2S46	G	P		AF185-AF128	
2S49	G	P		AF185-AF133-AF137-2N410-AF127-AF197	
2S52	G	P		AF185-AF128-AC153-2N411-2N412-AC124-AF180	
2S53	G	P		AF185-AF133-AF137-2N409-2N410-AF126-AF132-AF196	
2S54	G	P		AC126-AC132-AC128-AC153-AC131-2N408-2N410-AF184-AC152-OC308	
2S56	G	P		AC128-AC131-AC153-2N2431-2N408-AC117-OC308-AC180	
2S60	G	P		AF185-2N412	
2S60A	G	P		AF185-2N412	
2S91	G	P		AF185-AC153-AC136-2N270-2N370-AC128-AC124-AC180	
2S92	G	P		AF185-2N411	
2S92A	G	P		AF185-2N411	
2S93	G	P		AF185-2N140	
2S93A	G	P		AF185-2N412	

TIPO	G = GERMANICO S = ITALIANO	P = ENP N = RPN	ZOCCHIO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2S101	S	P		2N726	
2S109	G	P		AF185-AF135-AF136-2N370-AF125-AF134-AF131-AF195	
2S110	G	P		AF185-AF135-AF136-2N371-2N372-AF124-AF134-AF130-AF194	
2S112	G	P		AF185-AF135-AF136-2N372-AF125-AF131-AF195	
2S141	G	P		AF185-AF134-AF136-2N372-2N371-AF125-AF130-AF195	
2S142	G	P		AF185-AF135-AF136-2N370-AF125-AF131-AF195	
2S143	G	P		AF185-AF135-AF137-2N373-2N641-AF125-AF132-AF195	
2S144	G	P		AF185-AF136-AF137-2N1108-AF126-AF131-AF196	
2S145	G	P		AF185-AF134-AF136-2N544-2N1110-AF125-AF131-AF195	
2S146	G	P		AF185-AF126-AF136-2N219-AF132-AF196	
2S148	G	P		AF185-AF126-AF136-AF132-AF196	
2S155	G	P		AF185	
2S159	G	P		AF185-AC162-AC170-AC125-AC122	
2S160	G	P		AF185	
2S163	G	P		AC128-AC132-AC131-AC153-2N2431-AC184-AC152	
2S178	G	P		AF185-2N140	
2S179	G	P		AC128-2N2431-2N217	
2S301	S	P		BCY32	
2S302	S	P		BCY33-BCZ10	
2S303	S	P		BCY34-BCZ11	
2S304	S	P		BCZ10	
2S322	S	P		BCZ10	
2S323	S	P		BCZ11	
2SA12	G	P	2	AF127-AFY15-ASY27-AF131-AF185-AF137-2N4034-2N412-AF126-2N642-2N483	2SA240
2SA13	G	P	2	AF127-AF131-AF185-AF137-2N4043-2N409-2N642-2N410-AF196-AF126	2SA240
2SA14	G	P	2	AF185-AF132-AF137-AF127-AF197	
2SA15	G	P	2	AF126-AF131-AF185-AF136-AFY15-2N641-2N412-2N411-AF196-AF132	2SA240

2SA16

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2SA16	G	P	2	AF127-AF133-AF185-AF137-2N4034-2N411-2N642-2N412-AF196-AF126	2SA240
2SA17	G	P	2	AF185-AF134-AF136-2N412-2N486-AC151-AC125-AC122-OC304	
2SA18	G	P	2	AF185-AF131-AF136-2N412-2N579-AF124-AF134-AF130	
2SA19	G	P		AF185	
2SA20	G	P		AF185	
2SA21	G	P		AF185	
2SA22	G	P	8	AF185-AF132-AF136-2N411-AF126-AF196	
2SA23	G	P	8	AF127-AF133-AF185-AF137-2N4034-2N409-2N642-AF126	2SA240
2SA24	G	P		AF124-AF194-AF178-AF136-AF134-2N2495-2N346-2N4034-2N370	2SA235
2SA25	G	P		AF124-AF194-AF178-AF131-AF134-2N2495-2N346-AF195	2SA235
2SA27	G	P	2B	AF125-AF134-AF185-AF135-2N1110-AF130-AF195	2SA156
2SA28	G	P	2B	AF127-AF134-AF185-AF137-2N4034-2N642-AF133	2SA240
2SA29	G	P		AF185-AF125-AF134	
2SA30	G	P	2	AF126-AF132-AF185-AF136-AFY15-2N641-2N412-2N411	2SA240
2SA31	G	P	2	AF127-AF137-AF185-AF133-AFY15-2N4034-2N374-2N646-2N409	2SA240
2SA35	G	P	2	AF126-AFY15-AF185-AF132-AF127-AF136-2N4034-2N412-2N411-2N646	2SA240
2SA36	G	P	2	AF185-AF132-AF136-2N411-2N412-AF126-AF196	
2SA37	G	P		AF126-AF137-AF185-AF134-AF127-2N4034-2N646	2SA240
2SA38	G	P		AF126-AF137-AF185-AF134-AF127-2N4034-2N646	2SA240
2SA39	G	P		AF127-AF134-AF185-AF137-2N4034-2N646	2SA240
2SA40	G	P	2	AF185-AF126-AF136-AF132-AF196	
2SA41	G	P	2B	AF127-AF134-AC150-AF137-2N4034-2N646-AF126	2SA240
2SA42	G	P	2B	AF131-AF134-AF137-AF126-AF136-AF132-AF196	
2SA43	G	P		AF125-AF131-AF185-AF135-2N1110	2SA156
2SA44	G	P		AF185	
2SA44B	G	P		AF185	
2SA45	G	P		AF185	

TIPO	G = GERMANIO S = SILICIO		P = PNP N = NPN	ZOCcolo	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2SA48	G	P			AF125-AF131-AF185-AF134-AF135-2N1110	2SA156
2SA49	G	P	2A		AF185-AF135-AF15-AF134-2N416-2N483-AF126-AF132-AF136	
2SA50	G	P	2A		AC152-AC128-AF185-AF134-AC124-2N4106-2N130-AF132-2N610-2N583	2S32
2SA51	G	P	2A		AF127-AF134-AF185-AF136-AF137-2N4034-2N212-AF126-2N646-2N617	2SA240
2SA52	G	P	2A		AF126-AF131-AF185-AF134-AF137-2N641-2N1058-AF194-AF124-2N486	2SA240
2SA53	G	P	2A		AF127-AF134-AF185-AF137-2N642-2N482-2N4034-AF196-AF133-AF126-2N614	2SA240
2SA57	G	P	2B		AF124-AF194-AF185-AF136-AF134-2N346-2N370-AF131-2N4035-2N384	2SA235
2SA58	G	P	2B		AF124-AF134-AF127-AF194-AF185-AF136-2N346-2N370-2N4035-2N1110	2SA235
2SA59	G	P	2B		AF185-AF134-AF137-2N370-2N624-AF126-AF131-AF196	
2SA60	G	P	2B		AF124-AF194-AF185-AF136-AF134-2N346-2N371-2N4035-2N393	2SA235
2SA61	G	P			AF185	
2SA64	G	P	2A		AF126-AF136-AF132-AF192	
2SA65	G	P			ASY27-2N36-2N302	
2SA66	G	P			ASY27-2N36-2N302-2N1307	2SA65
2SA67	G	P			ASY27-2N36-2N1309-2N302	2SA65
2SA69	G	P			AF178-2N2495	
2SA70	G	P	10		AF188-AFY15-AF178-AF136-2N2495-2N370-2N2707	2SA76
2SA71	G	P	10		AF124-AF194-AF178-AF131-AF134-2N2495-2N4035	2SA235
2SA72	G	P	2B		AF127-AF137-AF185-AF134-AF136-2N4035-2N642	2SA240
2SA73	G	P	2B		AF127-AF134-AF185-AF137-2N4035-2N642-AF133	2SA240
2SA74	G	P	2B		AF124-AF134-AF185-AF131-AF194	
2SA75	G	P	2B		AF127-AF134-AF185-AF194-AF124-AF131-2N4035-AF133-AF126-2N346	2SA235
2SA76	G	P	2B		AF126-AF134-AF185-AF136-AF137-2N641-2N110-AF195-AF131-AF125	2SA240
2SA77	G	P	2B		AF124-AF137-AF185-AF131-AF126-AF134-2N641-AF121	2SA240
2SA78	G	P			ASY75	
2SA80	G	P	2B		AF124-AF137-AF185-AF134-AF126-AF136-2N641-AF131-AF125-2N371	2SA240
2SA81	G	P	2B		AF185-AF132-AF136-2N1634-2N1638-AF125-AF195	

2SA82

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCOLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2SA82	G	P	2B	AF185-AF134-AF136-2N373-AF124-AF130-AF194	
2SA83	G	P	2B	AF185-AF134-AF136-2N1634-2N1638-AF125-AF195-AF131	
2SA84	G	P	2B	AF185-AF132-AF136-2N1634-2N1638-AF125-AF195	
2SA85	G	P	2B	AF124-AF131-AF136-2N544-AF125-AF195	
2SA86	G	P	2B	AF125-AF131-AF126-AF134-AF137-AF135-2N641	
2SA89	G	P	2B	AF131-AF134-AF136-2N481-AF125-AF195	2SA240
2SA90	G	P		AF131-AF135-AF136-2N499-AF125-AF195	
2SA92	G	P	2B	AF125-AF132-AF185-AF136-AF135-2N1110-2N374-2N345	2SA90
2SA93	G	P	2B	AF126-AF134-AF185-AF136-2N641-2N417-2N308-AF196	2SA156
2SA94	G	P		AF185	2SA240
2SA100	G	P	2A	AF127-AF136-AF137-AF133-2N4034-2N642-AF197	
2SA101	G	P	2A	AF127-AF185-AF137-2N4034-2N642-AF197-AF133	2SA240
2SA102	G	P	2A	AF124-AF137-AF127-AF181-AF185-ASZ20-AF133-AF197-2N4034-2N642	2SA240
2SA103	G	P	2A	AF124-AF137-AF127-AF181-AF185-ASZ20-2N642-AF133-AF197	2SA240
2SA104	G	P	2A	AF127-AF134-AF185-AF135-AF137-2N4034-2N642-AF133-AF197	2SA240
2SA105	G	P	2B	AF178-AF130-AF135-2N2435-2N299-AF124-AF194	
2SA106	G	P		AF185	
2SA107	G	P		AF185	
2SA108	G	P	2B	AF125-AF136-AF185-AF135-2N1110-2N499-2N374-AF194-AF131-AF124	2SA156
2SA109	G	P	2B	AF127-AF136-AF185-AF137-2N4034-2N374-2N642-AF196-AF125-2N481	2SA240
2SA110	G	P	2B	AF126-AF131-AF185-AF136-2N641-2N374-2N373-AF195-AF125	2SA240
2SA111	G	P	2B	AF125-AF136-AF185-AF135-2N1110-2N374-2N373-AF195-AF131	2SA156
2SA112	G	P	2B	AF124-AF194-AF185-AF131-AF134-AF136-2N4035-AF125-2N374-2N346-2N449	2SA235
2SA113	G	P		AF185	
2SA114	G	P		AF185	
2SA115	G	P		AF185	
2SA116	G	P	2B	AF124-AF194-AF178-AF135-AF134-2N2495-2N384-AF136-2N4035-2N346-AF130	2SA235

RPO	MATERIALE			ZOCOLLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
	G = GERMANICO S = SILICIO	P = PNP N = NPT				
2SA117	G	P	2B	AF124-AF194-AF178-AF130-AF134-AF135-2N2495-2N1178-2N4035-2N346		2SA235
2SA118	G	P	2B	AF124-AF194-AF178-AF130-AF134-AF136-AF125-2N2435-2N1179-2N4035-2N346		2SA235
2SA121	G	P		AF125-AF135-AF185-AF136-AF178-2N1110-2N1180-2N1177		2SA156-2T201
2SA122	G	P		AF178-AF185-AFZ12-2N1178-2N1180-AF125-AF130-AF135		2T201
2SA123	G	P		AF125-AF135-AF178-AFZ12-AF185-2N1110-AF195-AF130-2N1180-2N1179		2SA156-2T201
2SA124	G	P		AF124-AF194-AF178-AF135-AF134-AFZ12-2N2495-2N1180-2N4035		2SA235-2T203
2SA125	G	P		AF124-AF194-AF178-AFZ12-AF134-2N2495-2N4035-AF130-2N346-2N1180		2SA235-2T205A
2SA128	G	P		AF185		
2SA129	G	P		AF185		
2SA130	G	P		AF185		
2SA131	G	P		AF185		
2SA132	G	P		AF185		
2SA133	G	P		AF185		
2SA134	G	P		AF178-2N2495		
2SA135	G	P		AF178-2N2495		
2SA136	G	P	2A	AF185-AF126-AFY15-AF136-AF132-AF196		2SA52
2SA137	G	P		AF185		
2SA138	G	P		AF185		
2SA139	G	P		AF185		
2SA141	G	P	2A	ASY28-AF133-AF185-AF137-AFY15-2N799-AF132-AF136-AF126-2N218		2SA55
2SA142	G	P	2A	ASY27-AFY15-AF127-AF133-AF185-AF137-AF132-AF136-AF126-2N799-2N135		
2SA143	G	P	2A	AF126-AF136-AF185-AF131-2N137-AF132-AF196		
2SA144	G	P	2A	AF124-AF195-AF185-AF130-AF134-2N346-AF194-2N113-2N4035-2N624		2SA235
2SA145	G	P	2A	AF185-AF130-AF124-AF134-AF194		
2SA146	G	P	2B	AF185-AF133-AF136-2N409-AF127-AF197		
2SA147	G	P		AF185-AF133-AF137		
2SA148	G	P		AF185-AF132-AF137		

2SA149

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCOLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2SA149	G	P		AF185-AF132-AF137	
2SA151	G	P		AF185	
2SA152	G	P		AF185-AF132-AF136	
2SA153	G	P	2A	AF178-AF185-AF134-2N2495-AF124-AF130-AF194	
2SA154	G	P		AF185-AF132-AF137	
2SA155	G	P	2A	AF185-AF134-AF137-2N267-AF126-AF132-AF196	
2SA156	G	P	2A	AF185-AF135-AF136-2N384-AF125-AF131-AF195	
2SA157	G	P	2A	AF178-AF185-AF134-2N2495-AF124-AF130-AF194	
2SA159	G	P	2A	AF178-AF185-AF134-2N2495-AF194-AF130-AF124	
2SA160	G	P		AF185	
2SA161	G	P	5	AF106-AF102-AF178-AF190-2N2495	2SA230
2SA167	G	P	8	AF127-AF136-AF185-AF133-2N410-AF197	
2SA168	G	P		AF185-AF132-AF137-2N135-AF126-AF196	
2SA168A	G	P		AF185-AF116-AF127-2N397-AF126-AF136-AF196-AF132	
2SA175	G	P	2B	AF178-AF185-AF134-2N2495-2N384-AF124-AF194-AF130	
2SA176	G	P		AF185	
2SA178	G	P		AF185-AF131-AF134	
2SA180	G	P		AF185-AF131-AF136	
2SA181	G	P	2A	AF185-AF133-AF137-2N427-AF127-AF197	
2SA182	G	P	2A	AF185-AF133-AF137-2N254-AF127-AF197	
2SA183	G	P	2A	AF185-AF126-AC121-AF132-AFY15-AF137-2N7B-AF196-AF136	2SA52
2SA184	G	P	2A	AF185-AF133-AF137-2N292-AF127-AF197	
2SA186	G	P		AF126-AFY15-AF185-AF136-AF132-AF196	2SA52
2SA188	G	P		AF185	
2SA189	G	P		AF185	
2SA190	G	P		AF185	
2SA191	G	P		AF185	

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCCHO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2SA192	G	P	2B	AF185-AF131-AF136-2N411-AF126-AF196	
2SA193	G	P	2A	AF185-AF133-AF137-2N313-AF127-AF197	
2SA194	G	P		AF185	
2SA195	G	P	2A	AF185-AF131-AF137-2N135-AF127-AF197	
2SA196	G	P	2A	AF185-AF127-AF133-2N136-AF136-AF197	
2SA197	G	P		AF185-AF132-AF137	
2SA198	G	P		AF185-AF131-AF137	
2SA199	G	P		AF185-AF132-AF137	
2SA200	G	P		AF185-AF131-AF137	
2SA201	G	P	2A	AF121-AFY15-AF185-AF126-AF136-AF132-AF196	2SA52
2SA202	G	P	2A	AF121V-AF126-AF185-AFY15-AF127-AF137-AF133-AF197	2SA52
2SA203	G	P	2A	AF185-AF133-AF126-AF137-AFY15-AF127-AF197	2SA52
2SA206	G	P	8	AF185-AF133-AF137-2N252-2N1305-AF127-AF197	
2SA208	G	P	8	ASY26-AF136-AF126-AF130-2N799-2N146	2SA155
2SA209	G	P	8	ASY26-AF137-AF127-AF133-2N799-2N412	2SA155
2SA210	G	P	8	ASY26-2N799-2N307	2SA155
2SA211	G	P	8	ASY26-2N799	2SA155
2SA212	G	P	8	ASY26-2N799	2SA155
2SA213	G	P	8	AF178-AF129-AF134-2N2495-AF124-AF130-AF194	
2SA214	G	P	2A	AF178-AF130-AF135-2N2495-AF125-AF195-AF131	
2SA215	G	P		AF185-AF135-AF137	
2SA216	G	P	2A	AF178-AF127-2N2495-AF136-AF132-AF197	
2SA218	G	P		AF185-AF126-AF134	
2SA219	G	P		AF185-AF126	
2SA220	G	P		AF185-AF134-AF136	
2SA221	G	P		AF185-AF126-AF134	
2SA222	G	P		AF185-AF134-AF136	

2SA223

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOC COLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2SA223	G	P		AF185-AF126-AF134	
2SA224	G	P		AF185-AF134-AF135	
2SA226	G	P		AF185-AF134-AF135	
2SA227	G	P	2B	AF178-AF126-AF134-2N2495-AF131-AF196	
2SA229	G	P	5	AF139-AF178-AF186-2N2495-11M139-GMO290	M9031
2SA230	G	P	5	AF139-AF178-AF186-2N2495-11M139-GMO290	M9031
2SA233	G	P	2B	AF185-AF117-AF126-2N136-AF136-AF131-AF196	
2SA234	G	P	2B	AF106-AF136-AF185-AFZ12-AF190-GMO790	2SA230
2SA235	G	P	2B	AF106-AF135-AF178-AFZ12-AF190-2N2495-GMO790-2N299	2SA230
2SA236	G	P		AF185-AF127	
2SA237	G	P		AF185	
2SA238	G	P		AF186	
2SA239	G	P	5	AF106-AF190-GMO790	2SA230
2SA240	G	P	5	AF106-AF190-AF178-AF185-2N2495-GMO790	2SA230
2SA241	G	P		AF118-AF178-2N2495-2N2207	2SA76
2SA242	G	P		AF178-AF118-2N2945	
2SA243	G	P		AF178-AF118-2N2495	
2SA246	G	P	2B	AF106-GMO790	
2SA250	G	P		AF185	
2SA253	G	P		AF185	
2SA254	G	P		AF185-AF136-AF186-2N1058-AF126-AF131	
2SA255	G	P		AC162-AF133-AC170-AF127-AF137-2N37-2N211-AF197	2SA459
2SA256	G	P		AF185-AF135-AF136-2N370-AF125-AF131-AF195	
2SA257	G	P		AF185-AF130-AF134	
2SA258	G	P		AF185-AF130-AF134	
2SA259	G	P		AF185-AF135-AF134-AF136-AF137-2N247-2N374-AF126-AF132	
2SA266	G	P	2A	AF124-AF185-AF134-2N4035-2N346-AF130-AF194	2SA235

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCLOLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2SA267	G	P	2A	AF125-AF131-AF185-AF135-2N1110-AF195	2SA156
2SA268	G	P	2A	AF126-AF132-AF185-AF136-SET316-2N641-AF196	2SA240
2SA269	G	P	2A	AF127-AF133-AF185-AF137-2N4034-2N248-AF197-2N642	2SA240
2SA270	G	P	2A	AF125-AF133-AF185-AF135-2N110-2N299-AF131-AF195	2SA156
2SA271	G	P	2A	AF127-AF132-AF185-AF137-2N4034-2N642-AF133-AF197	2SA240
2SA272	G	P	2A	AF127-AF133-AF185-AF137-2N4034-2N642-AF197	2SA240
2SA273	G	P	2A	AF126-AF185-AF136-SET316-2N641-AF132-AF196	2SA240
2SA274	G	P	2B	AF127-AF185-AF137-2N4034-2N642-AF133-AF197	2SA240
2SA275	G	P	2A	AF125-AF185-AF135-2N1110-AF195	2SA156
2SA282	G	P			2SA311
2SA283	G	P			2SA312
2SA284	G	P			2SA538
2SA285	G	P		AF185-AF132-AF134	
2SA286	G	P		AF185-AF134-AF135	
2SA287	G	P		AF185-AF134-AF135	
2SA290	G	P	10	AF125-AF135-AF131-AF195	
2SA293	G	P	2A	AF126-AF136-AF137-AF132-SE1316-2N267-2N641-AF131-AF196	2SA240
2SA296	G	P	2A	AF126-AFY15-SE1316-2N641-AF136-AF132-AF196	2SA52
2SA297	G	P	2A	AF126-AFY15-SET316-2N641-AF136-AF132-AF196	2SA52
2SA298	G	P		AF185	
2SA304	G	P		AF185	
2SA305	G	P		AF185	2SA313
2SA307	G	P		AF185	
2SA311	G	P		AF185-AUY10	
2SA312	G	P		AF185	
2SA313	G	P		AF185-AF125-AF134	
2SA314	G	P		AF185-AF125-AF134	

2SA315

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCCHOLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2SA315	G	P		AF125-AF134-AF185-AF135-2N1110	2SA156
2SA316	G	P		AF185-AF134-AF125-AF135	2SA316
2SA321	G	P	2B	AF127-AF137-2N4034-2N642-AF133-AF197	2SA240
2SA322	G	P		AF185	
2SA323	G	P		AF124-AF185-AF134-2N4035-2N346	2SA235
2SA324	G	P	2B	AF125-AF185-AF135-2N1110-AF131-AF195	2SA156
2SA340	G	P		AF124-AF127-AF185-2N1110-AF125-AF135	2SA156
2SA341	G	P	5	AF124-AF194-AF185-AF121-2N4035-2N346-AF130	2SA235
2SA342	G	P	5	AF124-AF121-AF178-AF194-AF185-2N2495-2N346-AF195-AF130-AF134-2N4035	2SA235
2SA350	G	P	2A	AF126-AF125-AF127-AF130-AF135-SET316-2N641-AF196-AF132-AF137	2SA240
2SA352	G	P		AF126-AF129-AF137-AF134-AF124-SET316-2N641	2SA240
2SA353	G	P		AF124-AF134-AF137-AF130-SET316-2N641	2SA240
2SA377	G	P	5	AF106-AF190-GMO760	2SA230
2SA380	G	P		AF185	
2SA381	G	P		AF185	
2SA382	G	P		AF185	
2SA383	G	P		AF185	
2SA384	G	P		AF185	
2SA400	G	P		AF185	
2SA420	G	P	8	AF139-2N2244-11N139-GMO290	M9031
2SA422	G	P	8	AF139-2N2244-11N139-GMO290	M9031
2SA433	G	P	2B	AF126-AF136-SET316-2N641-AF137-AF196-AF132	2SA240
2SA454	G	P	4	AF139-2N2244-11N139	N9031
2SA455	G	P	4	AF139-2N2244-11N139	N9031
2SA456	G	P	5	AF139-2N2244-11N139	N9031
2SA468	G	P			
2SA469	G	P			

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCCHO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2SA470	G	P			
2SA471	G	P		AF127-AF132-AF137-AF136-AF126-2N4034-2N642	2SA240
2SA472	G	P			
2SA474	G	P			2SA472
2SA478	G	P			
2SA479	G	P			
2SA485	G	P			
2SA486	G	P			
2SA495	G	P			2SA495G
2SA496	S	P			2SA561
2SA497	S	P		2N4940	
2SA498	S	P			2SA497
2SA499	S	P		2N4940	
2SA500	S	P		2N4990	
2SA503	S	P			2SA504
2SA504	S	P		BCW92K	
2SA505	S	P			
2SA510	G	P		BFS90A	
2SA511	G	P			2SA510
2SA512	G	P			2SA511
2SA513	G	P			2SA512
2SA518	G	P			
2SA538	G	P		40359	
2SA561	G	P			2SA659
2SA562	G	P			
2SA1018	G	P			
2SB12	G	P		AC122-AC125-AC163-2N76-AC151-OC304	

2SB13

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOC COLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2SB13	G	P		AC116-AC128-AC153-2N407-OC308-AC180	
2SB14	G	P		AC131-AC152-OC76-2N467-AC132-OC307-AC184	
2SB16	G	P	14	AD148-AD149-OC30-2N155	
2SB17	G	P	14	AD148-AD149-OC30-2N351	
2SB22	G	P	2A	AC152V-AC128-AC152-AC131-2N1924-2N238-AC184-OC318-AC132	2SB156
2SB25	G	P	12	AUY22-AD139-AD138/50-AD150-AZ18-ASZ16-2N297A-AD131	2SB25
2SB26	G	P	12	AD148-AD139-AD149-AD150-AD138-2N2836-2N561-2N1022A	2SB151
2SB27	G	P	12	AD148-AD149-AD150-2N2836-2N376	
2SB28	G	P	12	AD148-AD149-AD150-2N2836-2N351	
2SB29	G	P	12	AD148-AD149-AD150-2N2836-2N351	
2SB30	G	P	12	AD148-AD149-OC30-2N2836-2N255	
2SB31	G	P	12	AD148-AD149-AD150-2N2836-2N256	
2SB32	G	P	2A	AC151-AC132-AC126-AC152-AC122-AC163-2N2429-AC125-2N680-2N238	2SB459
2SB33	G	P	2A	AC151-AC126-AC128-AC131-AC132-AC153V-2N2431-2N680-2N238	2SB459
2SB34	G	P	10	AC151-AC153-AC128-AC124-2N2431-2N1381-AC125-AC131	
2SB37	G	P	2A	AC151-AC126-AC128-AC152-AC131-2N2431-2N680-AC173-OC318-AC125-2N238	2SB459
2SB38	G	P	10	AC151-AC131-AC153-AC126-AC128-AC117-2N2431-AC173-2N1381-2N238	2SB459
2SB39	G	P	2A	AC151-AC126-AC122-2N2429-2N238-AC125-OC304	2SB459
2SB40	G	P	2A	AC151-AC122/30-AC126-2N238-AC125	2SB459
2SB41	G	P	12	AD131-AD148-AD149-2N2836-2N2065-TI3029-2N301-AD150	2SB471
2SB42	G	P	12	AD132-AD149-ASZ15-2N2065-AD150	2SB472
2SB43	G	P	2A	AC151-AC122-2N238-AC125-OC304-2N651	2SB459
2SB44	G	P		AC128-2N2431	
2SB46	G	P	2A	AC126-AC152-AC162-2N2429-2N217-AC151-AC122-OC307	
2SB47	G	P	2A	AC126-ASY80-AC132-AC152IV-2N2429-AC151-AC122-OC304	
2SB48	G	P	8	AC126-AC125-AC163-2N2429-2N1145-AC151-AC122-OC304	2T312
2SB49	G	P	8	AC126-AC153-2N128-AC131-2N2428-2N2431-AC126-AC184-AC116	

TIPO	S = SILICIO			ZOCULO	EQUIVALENZE EUROPEE AMERICANE	EQUIVALENZE GIAPPONESI
	G = GERMANIO	P = PNP	N = NPN			
2SB50	G	P	8		AC126-AC153-AC131-AC152-2N2429-2N1605-OC308-AC184	2T315
2SB51	G	P	8		AC128-AC131-AC153-2N2431-2N1383-AC124-OC318	2T322
2SB52	G	P	8		AC128-AC131-AC153-2N2431-2N1413-OC308-AC180	2T324
2SB53	G	P	8		AC128-AC131-AC153-2N2431-2N1307-OC308-AC180	2T383
2SB54	G	P	2A		AC151VI-AC122-AC151VII-AC125-AC128-AC152-2N2431-2N408-OC304	2SB43
2SB55	G	P	2A		AC151-AC124-AC128-AC153-AC131/30-2N2431-2N525-AC152-2N238	2SB459
2SB56	G	P	2A		AC128-AC153-AC151V-AC126-2N2431-2N680-AC152-AC132-AC131	
2SB56A	G	P			AC151V	
2SB57	G	P			AC151-AC152V-AC128-AC126-2N2431	
2SB58	G	P			AC128-2N2431	
2SB59	G	P			AC151VI-AC125-AC126-AC122gr-2N2429	
2SB60	G	P			AC126-2N2429	
2SB60A	G	P			AC151V-AC131-AC151VI-AC128-AC126-2N2429	
2SB61	G	P	2A		AC151VI-AC122gr-AC126-AC117-AC125-AC153-2N2429-2N680	
2SB62	G	P			AD139-ASZ16	
2SB63	G	P			AD149-AD139-2N2836	
2SB64	G	P			AC131-AC152-OC76-2N422-2N467	
2SB65	G	P	2A		AC151V-AC131-AC122-AC152-AC128-AC126-2N36-OC304-AC125-2N1394	
2SB66	G	P	2A		AC151VI-AC128-AC151VII-AC131-AC126-AC125-2N2429-AC173-OC318-2N2431	
2SB67	G	P	2A		AC153-AC124-AC128-2N467-AC180	2SB222
2SB68	G	P	8		AC122/3G-ASY77-AC122-ASY81-ASY48-AC151-2N524-AC125	2SB460
2SB70	G	P			AC126-2N2429	
2SB71	G	P			AC126-AC152IV-AF126-2N2429	
2SB73	G	P	2A		AC126-AC151-AC122-2N2429-AC125-OC304	2SB459
2SB74	G	P	2A		AC126-AC125-AC163-2N2429-2N105-AC151-AC122-OC304	
2SB75	G	P	2A		AC126-AC170-AC162-AC163-2N2429-2N34-AC151-AC122-AC125	
2SB75A	G	P			AC151V-AC122	2SB459

2SB76

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2SB76	G	P	2A	AC126-AC151-AC152-2N2429-2N408-AC125-OC307-AC122	
2SB77	G	P	2A	AC128-AC131-AC151VI-AC163-AC125-2N2431-2N41-AC184	
2SB77A	G	P		AC151VI	
2SB78	G	P	2A	AC128-AC152-AC153-2N2431-2N43-AC151-OC308-AC126-AC177	
2SB79	G	P		AC128-AC117-AC153-2N2431-2N187A-OC318	
2SB80	G	P		AD149-AD139-2N2836	
2SB83	G	P	12	AD149-AD131-AD150-2N2836-2N1295	
2SB84	G	P		AC149-AD150	
2SB86	G	P		AD148-OC30-CTP1104-2N1291	
2SB87	G	P		AD131-CTP1313-OC28-2N387	
2SB89	G	P		AC151VI-AC125-AC128-AC152IV-AC122gr-AC153-OC308-AC116-2N431-2N1381	
2SB90	G	P		AC126-AC162-AC170-2N2419-AC125-AC122	
2SB91	G	P		AC128-AC153-AC131-AC132-2N2431-AC152-AC184	
2SB92	G	P		AC128-2N2431	
2SB94	G	P	2A	AC128-AC131-AC151-AC152-AC122-AC153-2N2431-AC125-2N44A-2N2447	2SB459
2SB95	G	P		AC128-2N2431	
2SB96	G	P		AC128-2N2431	
2SB97	G	P		AC126-2N2429	
2SB98	G	P	8	ASY26-AC153-AC128-AC125-2N2431-2N45-2N799-AC117	2SB155
2SB99	G	P	8	AC128-AC152-AC153-2N2431-2N633-AC117	
2SB100	G	P	8	ASY26-AC162-AC126-AC163-AC122-2N2429-2N130-OC304-AC125-AC151-2N799	2SA155
2SB101	G	P	8	ASY26-AC152-AC128-AC131-2N2431-2N43-2N799-AC117-OC307-AC153	2SA155
2SB102	G	P		AC128-AC117-AC153-2N2431-2N188-OC318-AC180K	
2SB103	G	P	8	AC128-AC152-AC153-2N2431-2N190-OC308-AC180	
2SB104	G	P		AC128-AC152-AC153-2N2431-2N188A-AC117-AC180K	
2SB105	G	P		AD149-AC152-AC153-2N2836-2N241	
2SB106	G	P		AD148-AD149-OC30-2N2836-2N352	

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOC COLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2SB107	G	P		AD148-CTP1104-OC30-2N353	
2SB107A	G	P	12	AD166-OC30-AD148-CT1104-AD149-TI156-AD150-2N68-2N456	2SB471
2SB108	G	P		AD149-2N2836	
2SB109	G	P		AD149-2N2836	
2SB110	G	P	2A	AC151-AC162-AC126-AC163-AC122-ASY26-2N2429-2N46-AC125-OC304	
2SB111	G	P	2A	AC151IV-AC125-AC126-AC152-AC122-AC163-2N2429-OC304-2N77	
2SB112	G	P	2A	AC151V-AC125-AC126-AC131-AC122-AC152IV-2N2429-2N79-OC304	
2SB113	G	P	2A	AC151V-AC125-AC126-AC163-AC122-2N2429-2N96-OC304	
2SB114	G	P	2A	AC128-AC125-AC122-AC163-AC151-2N2431-2N36-OC304	
2SB115	G	P	2A	AC151VI-AC122-AC151VII-AC125-AC128-AC163-2N2431-OC304-2N37	
2SB116	G	P	2A	AC151VII-AC125-AC128-AC163-AC122-2N2431-2N38-OC304	
2SB117	G	P	2A	AC151VII-AC125-AC128-AC163-AC122-2N2431-2N38A-OC304	
2SB118	G	P		AC149-2N2836	
2SB119	G	P		AC149-2N2836	
2SB120	G	P		AC151V-AC125-AC126-AC163-AC122g-2N2429-2N951	
2SB121	G	P		AC125-2N398	
2SB122	G	P		ASZ15-AUY28-AUY22	
2SB124	G	P		ASZ15-AUY28-AUY22-2N1100	
2SB125	G	P		ASZ16-AUY21	
2SB127	G	P	12	ADZ11-AD133-AD138-2N1022A-2N561-AD130-AD149	2SB151
2SB128	G	P		ASZ18-AUY22-AUY28	
2SB130	G	P		AD148-OC30-2N155	
2SB131	G	P		AD149-2N2836	
2SB134	G	P	2A	AC126-AC125-AC163-2N2429-2N82-AC151-AC122-OC304	
2SB135	G	P	2A	AC151V-AC125-AC126-AC131-AC122g-AC153-AC184-2N2429-2N138	
2SB136	G	P	2A	AC151VII-AC125-AC128-AC131-AC122g-AC153-AC184-AC132-2N2431	
2SB137	G	P		AD149-2N2836	

2SB140

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCOLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2SB140	G	P	12	AD149-ASZ16-AUY21-2N2836-2N301	2T3011
2SB141	G	P	12	ASZ15-AUY22-AUY28-2N301A	2T3021
2SB142	G	P	12	AD149-AD139-AD150-2N2836-2N301	2T3030
2SB143	G	P	12	AD149-AD139-AD150-2N2836-2N669	2T3032
2SB144	G	P	12	AD149-AD139-AD150-2N2836-2N669	2T3032
2SB145	G	P		AD149-AD150-2N2836	2T3042
2SB146	G	P		AD149-AD150-2N2836	2T3043
2SB148	G	P		ASZ16-ASZ18-AUY21	
2SB150	G	P		2N398	
2SB151	G	P	12	AUY22-AD138-ASZ18-2N561-AD131-CDT313-OC28	
2SB152	G	P		AD131-OC28-OD605-2N157A	
2SB153	G	P	2A	AC126-AC152-AC162-2N2249-AC151-AC125-AC122	
2SB154	G	P	2A	AC128-AC153-AC131-AC132-2N2431-2N408-AC152-AC184	
2SB155	G	P	2A	AC128-AC117-AC153-2N2431-2N249-AC180	2SB370A
2SB156	G	P	2A	AC128-AC131-AC153-2N2431-2N1307-AC117-AC180	
2SB156A	G	P		AC121V-AC131-AC117-AC153-AC128-2N1307-AC180-2N2431	2SB156A
2SB157	G	P		AC126-OC58-OC59-2N249	
2SB158	G	P		AC126-OC58-OC59-2N2249	
2SB159	G	P		AC126-OC59-OC60-2N2249	
2SB160	G	P		AC126-OC60-2N2429	
2SB161	G	P	8	AC128-AC152-AC151-AC163-AC122-2N2431-OC304-AC125-2N367	
2SB162	G	P		AC128-AC124-AC122-AC153-AC151-2N2431-AC125-OC304-2N319	
2SB163	G	P		AC128-AC124-AC153-2N241-2N320-AC117-AC180	
2SB164	G	P		AC128-AC124-AC153-2N2431-2N321-AC117-AC180	
2SB165	G	P	8	AC128-AC125-AC153-2N431-2N323-AC117-AC180	
2SB166	G	P		AC128-AC124-AC153-2N2431-AC117-AC180K/L	
2SB167	G	P		AC152V-AC122-AC128	

TIPO	G = GERMANIO S = SILICIO P = PNP N = NPN			ZOCCHOLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2SB168	G	P	2A		AC151V-AC125-AC126-OC331-AC122-OC622-2N2429-OC304	
2SB169	G	P	2A		AC151VI-AC126-AC128-OC343-AC122-OC624-2N2431-OC304	
2SB170	G	P	2A		AC151-AC126-AC128-AC162-AC122-AC163-2N2431-OC304-2N76	
2SB171	G	P	2A		AC151V-AC126-AC128-AC162-AC122-AC163-2N2431-OC304-2N81	
2SB172	G	P	2A		AC151V-AC126-AC128-AC132-AC122-AC153-2N2431-AC180-OC308-AC116-2N505	
2SB173	G	P	2A		AC151V-AC162-AC126-AC125-2N2429-AC122-OC304	
2SB174	G	P	2A		AC128-AC117-AC153-2N2431-2N223-OC318	
2SB175	G	P	2A		AC151VI-AC126-AC128-ASY77-AC122-2N2431-2N132-OC304-AC125	
2SB176	G	P	2A		AC128-AC152-AC153-AC131-2N2431-2N4607-2N4106-OC318-2N505	2SB222
2SB177	G	P			ACY77	
2SB178	G	P	18		AC152V-AC128-AC124r-2N2431-2N610-AC153-AC180-AC117	2SB222
2SB178A	G	P			ASY80	
2SB179	G	P			AC128-ASY80-2N2431	
2SB180	G	P	15		AD148-AD149-OC30-2N2836-2N301	
2SB181	G	P			AD148-AD149-2N307	
2SB182	G	P			AF185	
2SB183	G	P			AC126-AC122-AC163-2N2429-2N132A-AC151-OC304	
2SB183A	G	P			OC60	
2SB184	G	P			AC128-AC125-AC163-2N2431-2N63-AC153-AC117	
2SB185	G	P	2A		AC151V-AC122-AC126-AC125-AC128-AC163-2N107-OC304	
2SB186	G	P	2A		AC152VI-AC128-AC126-AC125-AC122-AC163-2N2429-OC305-2N610-2N4106-2N240	2S32
2SB187	G	P	2A		AC152VI-AC128-AC126-AC131-AC122-AC152-2N2429-OC304-2N610-2N4106-2N1444	2S32
2SB188	G	P	2A		AC152VI-AC126-AC128-AC152-AC177r-2N2431-2N610-AC125-OC304	2S32
2SB189	G	P			AC128-AC131-AC117-AC153-AC152VI-ACY80-2N2431-AC180-2N1036-2N610	2S32
2SB190	G	P	2A		AC128-AC125-AC163-2N2431-2N322-AC153	
2SB191	G	P	2A		AC122-AC125-AC163-2N47-AC151-OC304	
2SB192	G	P	2A		AC128-AC125-AC163-2N2431-2N48-AC117	

2SB193

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2SB193	G	P	15	AC128-AC116-AC153-2N2431-2N324-OC308-AC180	
2SB194	G	P	15	AC128-AC131-AC152-2N2431-2N1145-AC153-OC307-AC184	
2SB195	G	P	15	AC153-2N2431-2N1097-AC128-AC117-OC308-AC180	
2SB196	G	P		AC128-AC124-AC153-2N2431-2N225-AC117-OC318	
2SB197	G	P		AC128-AC124-AC153-2N2431-2N226-AC117	
2SB198	G	P		AC128-AC124-AC153-2N2431-2N227-AC117	
2SB199	G	P		AC128-AC124-2N2431-2N138B-AC153-AC117	
2SB200	G	P		AC128-AD139-AC153V-AD149-AC124-AC180-2N4106-2N2431-2N467	2SB222
2SB200A	G	P	8	AC153-AC153VI	
2SB201	G	P		AC117-AC122-AC128-AC126-AC153V-AC162-2N4106-2N467	2SB222
2SB202	G	P	2A	AC153VII-AC153-AC128-AC117-2N2431-2N4106-2N467-AC180	2SB222
2SB208	G	P		AC124-AC128-AC152	
2SB215	G	P		AD163-ASZ15	2SB341
2SB216	G	P		AD131-AD138/50-AD149-TI3029-2N2065	2SB471
2SB217	G	P		AD150-TI156-2N456	2SB4026
2SB218	G	P	6A	AC122-AC163-OC70-2N61-2N524-AC151-AC125-OC304	
2SB219	G	P	6A	AC128-AC153-AC163-2N2431-2N41-AC117-OC308	
2SB220	G	P	6A	AC128-AC124-AC153-2N2431-2N43-AC117-OC308	
2SB221	G	P	6A	AC128-AC124-AC153-2N2431-2N524-AC117-OC318	
2SB222	G	P	6A	AC128-AC124-AC153-2N2431-2N220-AC117-OC308	
2SB223	G	P		AC128-2N2431	
2SB224	G	P	8	AC131-AC152-AC153-2N284-2N524-AC128-OC307	
2SB225	G	P	8	AC117-AC128-AC153-2N43-2N525-OC318-AC180	
2SB226	G	P	8	AC124-AC128-AC153-2N408-2N526-AC117-OC308-AC180	
2SB227	G	P	8	AC124-AC128-AC153-2N223-2N527-AC117-OC318-AC180	
2SB231	G	P	12	AU105-AU103-2N1906	
2SB235	G	P		AFZ11	

TIPO	G = GERMANICO S = SPAGNOLO P = INP N = IPN	ZOCCHIO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2SB236	G	P		
2SB237	G	P		
2SB240	G	P	AD148-CTP1104-OC30-2N68	
2SB240A	G	P	AD148-CTP1104-OC30-2N141	
2SB242	G	P	CTP1104-AUY18-ASZ15-OC30-AD148-2N1183	
2SB242A	G	P	AUY18-OC30-AD148-CTP1104-2N141	
2SB247	G	P	AD133-ADZ11-AD138	
2SB248	G	P	AC124-AC128-AC153-2N1502	
2SB248A	G	P	AD133-AD211-AC105-AD138-AC117-2N1501	
2SB249	G	P	AC128-AC153-ASZ18-2N457	
2SB250	G	P	12 AD133-AD148-AD138-AD149-ADZ11-OC30-2N176	
2SB250A	G	P	AC117-AC128-AC153-2N1245	
2SB251	G	P	AD133-AC128-AD138-AC153-ADZ11-AD149-2N1246	
2SB252	G	P	12 AD133-AD138-ADZ11-AD131-2N540-2N1551	
2SB252A	G	P	12 AD148-ASZ18-OC30-2N1437	
2SB253	G	P	AC128-AC153-ASZ18-2N1263	
2SB254	G	P	AC128-AC125-2N2431	
2SB255	G	P	AC128-2N2431	
2SB257	G	P	2 AC151r-AC150-OC306-AC161	2SA305
2SB261	G	P	AC126-AC125-AC163-2N2429-2N405-AC151-OC304-AC122	
2SB262	G	P	AC126-AC125-AC153-2N2429-2N407-AC128-AC117-OC308	
2SB263	G	P	2 AC128-AC124-AC153-2N2431-2N270-AC117-OC318-AC184	
2SB264	G	P	AC126-AC125-AC153-2N2429-2N133	
2SB265	G	P	ASY26	
2SB266	G	P	AC125-AC152-AC170	
2SB267	G	P	AC128-AC131-AC153	
2SB276			AU103	

2SB290

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2SB290	G	P	8	ASY26-AC122-2N799-AC151-AC125-OC304-AC161	2SA155
2SB291	G	P		ASY26-AC131-2N799	2SA115
2SB292	G	P	8	ASY26-AC131-2N799-AC151-AC125-OC318-AC173	2SA155
2SB302	G	P		AF124-AF134	2SA235
2SB303	G	P	2	AC163-AC150-AC125-AC151-OC306-AC161	2SB73
2SB306	G	P			2SB425
2SB328	G	P		NKT274	
2SB329	G	P		NKT274	
2SB345	G	P	2	AC151-AC125-AC126-AC122-2N2429-AC152-AC132-AC131/30-2N525	
2SB346	G	P		AC151-AC126-AC131-2N2429	
2SB347	G	P		AC126-2N2429	
2SB348	G	P		AC126-2N2429	
2SB364	G	P	2A	AC128-AC131-AC153-2N1924-2N2431-AC151-AC125-OC318-AC173	2SB370A
2SB365	G	P	2A	AC128-AC131-AC153-2N1924-2N2431	2SB3
2SB370	G	P	2	AC128-AC152-AC132-AC131/30-OC318-2N525	
2SB371	G	P		AC151-AC122-AC125	
2SB378	G	P	8	AC121-AC131-AC128-2N2431-AC151-AC125-OC318-AC173	2SB156A
2SB379	G	P		AC121-AC131-AC128-2N2131	2SB156A
2SB381	G	P		AC151-AC122-AC126-2N238	2SB459
2SB383	G	P	8	AC124-AC153-AC128-AC180	2SB67
2SB384					
2SB385	G	P			
2SB391	G	P		AUY21-AUY28-ASZ18-2N352	2S339
2SB400	G	P	2	AC121-AC160-AC128-AC184	
2SB415	G	P	2A		
2SB419	G	P	11	AD148-AD152	
2SB422	G	P		AC122-AC126-AC151	

TIPO	G = GERMANIA S = SILICIO	P = PNP N = NPN	ZOCCHIO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2SB424	G	P			
2SB425	G	P			2SB426
2SB426	G	P			2SB425
2SB434	G	P			2SB435
2SB435	G	P			2SB434
2SB439	G	P		AC163-AC171-AC128-2N2907-2N506	2SB459
2SB440	G	P	2A	AC163-AC171-AC128-2N2907-2N506	2SB459
2SB443	G	P		AC121	
2SB443A	G	P		AC121	
2SB443B	G	P		AC121	
2SB444	G	P		AC121	
2SB444A	G	P		AC121	
2SB444B	G	P		AC121	
2SB462	G	P			2SB463
2SB463	G	P	11	AD162-AD155	2SB462
2SB473	G	P		AD162	2SB367
2SB475	G	P		AC121	
2SB482	G	P			2SB486
2SB486	G	P			2SB482
2SC11	G	N		ASY29-ASY73	
2SC15	S	N		2N1753-2N1754	
2SC23C	S	N		BS137	
2SC31	S	N	8	BC140-2N2218A-2N3020	
2SC32	S	N		BFX55-BFY13	
2SC32A	S	N		BFX55	
2SC33	S	N		BFX55	
2SC38	S	N		BFX55	

2SC41

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCCHOLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2SC41	S	N		BU110	
2SC43	S	N		BU110-2N1490	
2SC44	S	N		BU110	
2SC45	S	N		BFX55	
2SC50	S	N		BU110	
2SC53	S	N		BFX55	
2SC64	S	N		BSX45-BSX22-2N4231-2N3252	
2SC70	S	N			2SC499
2SC72	S	N		BF73	
2SC73	G	N		2N168A-2N1086	2T73R
2SC74	S	N		BFX55	
2SC75	G	N		2N169-2N293	2T75R
2SC76	G	N		2N169-2N293	2T75R
2SC77	G	N		2N169-2N293	2T77R
2SC78	G	N		ASY14-2N1109-2N1121	2T78R
2SC79	S	N		BF173	2SC464
2SC89	G	N		ASY14	
2SC90	G	N		2N1304	
2SC91	G	N		2N1306	
2SC97	S	N	8	BC140-2N3036-2N2218A	
2SC101	S	N			2SC782
2SC103	S	N		BDY91	
2SC105	S	N	4	BC169-BC173-MPS6521-BC169B	
2SC106	S	N			2SA472-2SA474
2SC107	S	N			2SB216
2SC108	S	N	6A		2SC400
2SC109	S	N	6A		2SC393

TIPO	G = GERMANICO N = SILICIO P = PNP N = NPN			ZOCCHIO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2SC120	S	N	6		BC140-BSY46-2N2218A-2N3036	2SC708
2SC121	S	N			BC140-BSY46-2N2218A-2N3036	2SC708
2SC122	S	N			BC140-BSY46-2N2218A-2N3036	2SC708
2SC123	S	N			BC140-BSY46-2N2218A-2N3036	2SC708
2SC124	S	N			BC140-BSY46-2N2218A-2N3036	2SC708
2SC127	S	N			BC140-BSY46-2N2218A-2N3036	2SC708
2SC147	S	N			2N2196	
2SC170	S	N			BC108-BC183-2N3391	2SC458
2SC174	S	N	5		BC167-BC183-BC171A-MPS6566-BC107-BC182-BC207	2SC458
2SC183	S	N			BF115	
2SC184	S	N			BF115	
2SC185	S	N			BF115	
2SC191	S	N			2N1074-2N1075	
2SC192	S	N			2N1074-2N1075	
2SC193	S	N			2N336-2N337	
2SC194	S	N			2N1074-2N1075	
2SC195	S	N			2N1278-2N1279	
2SC196	S	N			2N1278-2N1279	
2SC197	S	N			2N1277-2N1278	
2SC199	S	N	6A		BSY34-BSX73-BSX61-2N2218	2SC458
2SC200	S	N			BFX55	
2SC201	S	N			BFX55	
2SC202	S	N			BFX55	
2SC206	S	N	5		BF184-BF234-BC107-BC182	2SC460
2SC210	S	N			BSY34-BSX61-BSX73-2N2218	2SC479
2SC211	S	N			BSY34-BSX61-BSX73-2N2218	2SC479
2SC212	S	N			BSX45-BSX22-2N231-2N3252	

2SC230

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCCHOLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2SC230	S	N		BSX49-2N2222A	
2SC233	S	N		BSX63	
2SC250	S	N		BFX12	
2SC281	S	N		BC107-BC182-2N3568-2N2921	2SC458
2SC282	S	N	2	BC108-BC183-2N3391-MPS6565	2SC458
2SC283	S	N		BCY65-BC107-2N2484-2N2483	2SC648
2SC284	S	N		BSX49-2N2222A	
2SC291	S	N		BSX63-BSW65-2N1893	
2SC300	S	N		BSX48-2N222A	
2SC301	S	N		BSX48-2N222A	
2SC302	S	N		BSX49	
2SC313	S	N		BC108-BC183-2N3391	2SC458
2SC316	S	N		BC109-BC184-MPS6521	2SC458
2SC318	S	N	4A	BC107-BC182-2N2921-BC207	2SC458
2SC319	S	N		BSX48-2N2221	
2SC350	S	N	2	BC107-BC182-2N3568-BC207	
2SC359A	S	N	4		
2SC366	S	N	21	BSY77	2SC499
2SC367	S	N	21	2N930	
2SC368	S	N	4	BC107-BC182-2N3568-BC207	
2SC369	S	N	21	BC168-BC183-MPS6520	2SC371
2SC370	S	N	21	BC168-BC183-BC172-MPS6520-BC208	2SC458
2SC371	S	N	21	BC168-BC183-BC172-MPS6520-BC208	2SC458
2SC372	S	N	21	BC168-BC172-BC183-MPS6520-BC208	2SC458
2SC373	S	N	21	BC168-BC183-BC172-MPS6520-BC208	2SC458
2SC374	S	N	21	BC168-BC183-BC172-BC208	
2SC377	S	N		BC167-BC182-BC171-MPS6566	2SC458

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCCHIO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2SC378	S	N		BC167-BC182-BC171-MPS6566	2S6548
2SC379	S	N		BC169-BC173-BC184-MPS6521	
2SC380	S	N	21	BC167-BC172-BC182-MPS5566	2SC458
2SC381	S	N	21	BC168-BC173-BC183-MPS5520	2SC458
2SC382	S	N	21	BF173-BF224	2SC464
2SC383	S	N	21	BF173-BF224	2SC464
2SC382G	S	N		BF232	
2SC382R	S	N		BF232	
2SC384	S	N		BF232-BF173-BF224	2SC464
2SC385	S	N		BF232-BF224-BF173	2SC464
2SC386	S	N		BF173-BF224	2SC464
2SC387	S	N	21	BFX59	2SC707
2SC388	S	N		BF173-BF224	2SC464
2SC389	S	N	5	BF173-BF224	2SC464
2SC390	S	N	5		
2SC391	S	N			2SC551
2SC392	S	N	5		
2SC393	S	N			2SC395A
2SC394	S	N		BC167-BC182-BC171-MPS6566	2SC458
2SC395	S	N			2SC391
2SC395A	S	N		2N3794	
2SC397	S	N	5	BF185	
2SC398	S	N	5	BF185-BF237-BF125	2SC535
2SC399	S	N		BF185-BF237-BF125	2SC535
2SC400	S	N	4		
2SC401	S	N		BC167-BC182-BC171-MPS6566-BC148B-BC172-BC183B	2SC458
2SC402	S	N		BC167-BC182-BC171-MPS6566-BC147B	2SC458

2SC403

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOC COLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2SC403	S	N		OC167-BC167-BC182-BC171-MPS6566-BC147A	2SC458
2SC404	S	N		BC167-BC171-BC182-MPS6566-BC147B	2SC458
2SC429	S	N		BF173-BF224	2SC464
2SC454	S	N		BC148-BC172-2N3568-MPS6520	2SC281
2SC456	S	N		BSY58-BSX73-2N2218	2SC479
2SC458	S	N		BC148-BC172-BC183-2N3568-MPS6520	2SC281
2SC460	S	N		BC148-BC172-BC183-2N3568-MPS6520	2SC281
2SC461	S	N		BC148-BC183-2N3568-MPS6520	2SC281
2SC464	S	N		BF173-BF224	
2SC465	S	N		BF173-BF224	2SC464
2SC466	S	N		BF173-BF224	2SC464
2SC470	S	N		BF178-BF140	2SC856
2SC475	S	P		BC259-BC253-BC179-BC206-MPS516	
2SC476	S	P		BC259-BC253-BC179-BC206-MPS6516	2SC475
2SC478	S	N	4A	BC107-BC182-2N3568-2N2921-BC207	2SC458
2SC481	S	N			2SD237
2SC482	S	N			2SC485
2SC484	S	N	6A		2SD110
2SC485	S	N			2SC489
2SC486	S	N			2SC490
2SC487	S	N			2SC791
2SC489	S	N			2SC485
2SC490	S	N			2SC486
2SC491	S	N			2SC482
2SC493	S	N			2SC497
2SC494	S	N			2SC498
2SC495	S	N	6A		2SC490

TIP-O	G = GERMANICO S = SPAGNOLO P = PORTUGHESE N = NEPALESE			ZOC COLO	EQUIVALENZE EUROPEE AMERICANE	EQUIVALENZE GIAPPONESI
2SC496	S	N		29		2SC491
2SC497	S	N				2SC493
2SC498	S	N				2SC486
2SC499	S	N				2SC500
2SC500	S	N				2SC499
2SC501	S	N				2SC504
2SC502	S	N				2SC481
2SC503	S	N		6A		2SC504
2SC504	S	N				2SC503
2SC505	S	N		6A		
2SC506	S	N				2SC501
2SC507	S	N		6A		
2SC508	S	N				2SC50
2SC510	S	N				2SC13
2SC511	S	N		6A		2SC12
2SC512	S	N				2SC513
2SC513	S	N		6A		2SC510
2SC515	S	N				2SC485
2SC519A	S	N				2SC101
2SC520A	S	N		12		2SC101
2SC521A	S	N				2SC101
2SC522	S	N				2SC525
2SC523	S	N				2SC525
2SC524	S	N				2SC525
2SC525	S	N				2SC522
2SC535	S	N			BF232-BF254-BF234-BF229-BF184-BF194	
2SC538	S	N			BC108	

2SC547

TIPO	GERMANIO G = S = SILICIO	PNP P = N = NPN	ZOCULO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2SC547	S	N			2SC597
2SC548	S	N			2SC909
2SC549	S	N			2SC547
2SC550	S	N			2SC549
2SC551	S	N			2SC555
2SC552	S	N			2SC555
2SC553	S	N			2SC555
2SC555	S	N		2N497A	
2SC556	S	N		2N497A	
2SC558	S	N			2SC508
2SC561	S	N		BC108-BC183-2N3391	2SC458
2SC595	S	N		BSX48-2N2221	2SC495
2SC601	S	N		BFX59	2SC707
2SC605	S	N		BF173-BF224	2SC464
2SC611	S	N		BFX59	2SC707
2SC622	S	N		BC108-BC183-2N3391	2SC458
2SC631	S	N		BC107-BC182	
2SC632	S	N		BC108-BC183	
2SC633	S	N		BC107-BC182	
2SC634	S	N		BC107-BC182	2SC633
2SC640	S	N		BC108-BC183	
2SC642	S	N			2SC487
2SC643	S	N			2SC558
2SC644	S	N	21	BC167-BC182-BC171-MPS6566-BC107-BC183-BC207	
2SC649	S	N		BC107-BC182-2N2921	2SC458
2SC650	S	N		BC107-BC182	
2SC657	S	N		BF173-BF224	2SC464

TIPO	2SC658			ZOCULO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
	G = GERMANIO S = SILICIO	P = PNP N = NPN				
2SC658	S	N			BF173-BF224	
2SC659	S	N			BF173-BF224	2SC464
2SC682	S	N			BF173-BF224	2SC464
2SC683	S	N			BF173-BF224	2SC464
2SC689A	S	N			BC107-BC182-2N2921	2SC464
2SC689H	S	N			BC107	2SC458
2SC712	S	N			BC168-BF173	
2SC712A	S	N			BC168-BC173	2SC712A
2SC732	S	N	21			2SC712A
2SC733	S	N				2SC733
2SC434	S	N			BC107-BC182-2N3508	2SC732
2SC735	S	N	21			
2SC752	S	N				2SC649
2SC773	S	N			BC167-BC107-BC207-BC171-BC183	2SC505
2SC780	S	N			BSX21	
2SC782	S	N				
2SC784	S	N				2SC783
2SC785	S	N				2SC785
2SC791	S	N				2SC784
2SC793	S	N				2SC642
2SC838	S	N			BC167-BC182-BC171-MPS6566	2SC556
2SC839	S	N			BC167-BC182-BC171-MPS6566	2SC458
2SC856	S	N			BF178	2SC458
2SC863	S	N	5			
2SC864	S	N	5		BF167-BC182-BC171-MPS6566-BF107-BF225	
2SC894	S	N			BC108-BC182	2SC458
2SC897	S	N			BDY90	

2SC912

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCOLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2SC912	S	N		BC108-BC182	
2SC917	S	N		BF177	
2SC941	S	N	21	BC168-BC172-BC183A-MPS6520	
2SC943	S	N		BC107-BC102	
2SC991	S	N	6A		
2SC1000	S	N	21		
2SC1010	S	N	4A	BC110-BC174	2SC856
2SD30	G	N		AC127-AC179-2N2430	2SD96
2SD31	G	N	2	AC127-AC179-2N2430-AC186-AC185	2SD96
2SD32	G	N	2	AC127-AC179-2N2430-AC186-AC185	2SD96
2SD33	G	N	2	AC127-AC179-2N2430-AC186-AC181	2SD96
2SD34	G	N		AC127-AC179-2N2430	2SD96
2SD35	G	N		AC127-AC179-2N2430	2SD96
2SD36	G	N		AC127-AC179-2N2430	2SD96
2SD37	G	N	2	AC127-AC179-2N2430-AC186-AC181	2SD96
2SD38	G	N	10	AC127-AC179-2N2430-AC187-AC175-AC181	2SD96
2SD43	G	N	2	AC127-AC186-AC185	
2SD43A	G	N		AC127-AC179-2N2430	2SD96
2SD44	G	N		AC127-AC179-2N2430	2SD96
2SD45	S	N		BU110	
2SD46	S	N		BD130-AM291-2N3055	
2SD47	S	N	12	BD130-BD109-AM291-2N3059-2N3055	2SD46
2SD48	S	N		BUY46	
2SD49	S	N		BUY46	
2SD50	S	N		BD130-AM291-2N3055	
2SD51	S	N	12	BD130-AM291-2N3055	
2SD53	S	N	12	BD130-AM291-2N3055	

TIPO	MATERIALE			ZOCCHOLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
	G = GERMANIO S = SILICIO	P = PNP N = NPN				
2SD54	S	N			BD130-AM291-2N3055	
2SD56	S	N	12		BU110	
2SD57	S	N			BUY43	
2SD58	S	N			BUY43	
2SD59	S	N	12		BD130-AM291-2N3055	
2SD60	S	N			BD130-AM291-2N3055	
2SD61	G	N	2		AC127-AC179-ASY28-2N430-2N647	2SD96
2SD62	G	N	2		AC127-AC179-ASY28-2N2430-2N647-AC185	2SD96-2T681
2SD63	G	N	2		AC127-AC179-2N2430-2N647-AC186-AC185	2SD96-2T69
2SD64	G	N	2		AC127-AC179-2N2430-2N647-AC186-AC185	2SD96-2T64R
2SD65	G	N	2		AC127-AC179-2N2430-2N647-AC186-AC185	2SD96-2T65R
2SD66	G	N	2		AC127-AC179-2N2430-2N647-AC186-AC185	2SD96-2T66R
2SD70	S	N			BD109-BD107-BDY34-BD124-2N3054	
2SD71	S	N			BUY46	
2SD73	S	N			BD130-AM291-2N3055	
2SD74	S	N	12		BU110	
2SD75	G	N	2		AC127-AC187-AC176-AC186-2N2430-AC185	
2SD77	G	N			AC127-ASY29-2N2430	
2SD78	G	N			AC127-2N2430	
2SD79	S	N			BUY46	
2SD80	S	N			BD130-AM291-2N3055	
2SD81	S	N			BD130-AM291-2N3055	
2SD82	S	N	12		BD130-AM291-2N3055	
2SD83	S	N			BD130-AM291-2N3055	
2SD84	S	N			BU110	
2SD96	G	N			AC187-AC175	
2SD102	S	N	11		BU110	

2SD104

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCOLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2SD104	G	N		AC127-AC179-2N2430	2SD96
2SD105	G	N		AC127-2N2430-2SD96	
2SD110	S	N	12		2SD111
2SD111	S	N			2SD113
2SD113	S	N	12		2SD111
2SD114	S	N	12		2SD113
2SD118	S	N	12	BU110	
2SD119	S	N	12	BU110	
2SD124	S	N	12	BD130-AM291-2N3055-MJD3055	
2SD124A	S	N		BD130-AM291-2N3055	
2SD124H	S	N		BD130	
2SD125	S	N		BD130-AM291-2N3055-MJD3055	
2SD125A	S	N		BD130-AM291-2N3055	
2SD125H	S	N		BD130	
2SD126H	S	N		BU110	
2SD129	S	N	11		
2SD130	S	N	11		
2SD141	S	N		BUY43	
2SD142	S	N		BUY43	
2SD143	S	N		BUY46	
2SD144	S	N		BD109-BDY34-BD124-2N3054	2SC830
2SD146	S	N	12	BD109-BDY34-BD124-2N3054-BDY107-BD107	2SC830
2SD147	S	N		BDY13	
2SD151	S	N	12	BD130-AM291-2N3055	
2SD152	S	N		BU110	
2SD154	S	N		BDY13	
2SD172	S	N	12	BD130-AM291-2N3055	

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCCHIO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2SD173	S	N	12	BD130-AM291-2N3055	
2SD174	S	N		BUY46	
2SD175	S	N	12	BD130-AM291-2N3055	
2SD176	S	N		BD130-AM291-2N3055	
2SD178	G	N			2SD178A
2SD180	S	N	12	BD130-AM291-2N3055	
2SD182	S	N		BUY43	
2SD183	S	N		BUY46	
2SD184	S	N		BUY46	
2SD185	S	N		BUY46	
2SD186	G	N		AC127-AC179-2N2430	
2SD187	G	N		AC127-AC179-2N2430	
2SD189	S	N		BU110	
2SD189A	S	N		BU110	
2SD195	G	N		AC127-AC179-2N2430	
2SD196	S	N		BUY55	
2SD197	S	N		BUY55	
2SD198	S	N		BU111	
2SD226	S	N		BUY43	
2SD226A	S	N		BUY46	
2SD234	S	N	28	BUY46	
2SD235	S	N	28	BUY43	

2T11

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCCHOLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2T11	G	P		AC128-AC131-AC153-2N2431-2N322	2SD48
2T12	G	P		AC128-AC131-AC153-2N2431-2N322	2SB48
2T13	G	P		AC128-AC131-AC153-2N2431-2N223	2SB49
2T14	G	P		AC128-AC131-AC153-2N2431-2N324	2SB49
2T15	G	P		AC128-AC131-AC153-2N2431-2N322	2SB48
2T16	G	P		AC128-AC131-AC153-2N2431-2N322	2SB46
2T17	G	P		AC128-AC131-AC153-2N2431-2N322	2SB48
2T18	G	P		2N526	2SB53
2T20	G	P		AC128-2N2431	
2T21	G	P		AC128-AC131-AC153-2N2431-2N319	2SB51
2T22	G	P		AC128-AC131-AC153-2N2431-2N320	2SD51
2T23	G	P		AC128-AC131-AC153-2N2431-2N321	2SB52
2T24	G	P		AC128-AC131-AC153-2N2431-2N321	2SB52
2T25	G	P		AC128-AC131-AC153-2N2431-2N320	2SD51
2T26	G	P		AC128-AC131-AC153-2N2431-2N319	2SB51
2T51	G	N		AC127-ASY73-2N2430-2N169	2SC76
2T52	G	N		ASY73-2N169	2SC77
2T53	G	N		ASY74-2N169	2SC73
2T54	G	N		ASY74	2T524
2T61	G	N		AC127-ASY73-2N2430-2N647	2SD65
2T62	G	N		AC127-ASY73-2N2430-2N647	2SD66
2T63	G	N		AC127-ASY74-2N2430-2N647	2SD63
2T64	G	N		AC127-2N2430-2N1251	2SD64
2T64R	G	N		AC127-ASY74-2N2430-2N647	2SD64
2T65	G	N		AC127-ASY74-2N2430-2N649	2SD65
2T65R	G	N		AC127-2N2430-2N647	2SD65
2T66	G	N		AC127-ASY75-2N2430-2N647	2SD66

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCCHIO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2T66R	G	N		AC127-2N2430-2N647	2SD66
2T67	G	N		AC127-ASY75-ASY73-2N2430-2N647	
2T69	G	N		AC127-2N2430-2N647	2SD63
2T71	G	N		ASY73-2N169	2SC75
2T72	G	N		ASY73-2N169	2SC75
2T73	G	N		2N168-2N1058	2SC73
2T73R	G	N		ASY14-2N168A-2N1086	2SC73
2T74	G	N		ASY14-2N168	2T73
2T75	G	N		2N169	2SC75
2T75R	G	N		ASY73-2N169-2N293	2SC75
2T76	G	N		ASY75-2N169-2N233A	2SC76
2T76R	G	N		2N169-2N293	2SC76
2T77	G	N		2N169	2SC77
2T77R	G	N		ASY73-2N169	2SC77
2T78	G	N		ASY73-2N1109-2N1121	
2T78R	G	N		ASY73-2N1109-2N1121	2SC78
2T82	G	N		2N576	2SD63
2T83	G	N		2N576	2SD63
2T84	G	N		2N576-2N1101	2SD63
2T85	G	N		AC127-ASY73-2N2430-2N1251	2SD63
2T86	G	N		AC127-2N2430-2N1101	2SD63
2T89	G	N		AC127-ASY73-2N2430-2N643	
2T201	G	P		AF178-AF185-AF135-2N2495-2N384	2SA122
2T203	G	P		AF178-AF185-AF134-2N2495-2N370	2SA124
2T204	G	P		AF178-AF134-2N2495-2N384	
2T204A	G	P		AF178-2N2495	
2T205	G	P		AF124-AF134-2N384	2SA125

2T205A

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOC COLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2T205A	G	P		AF178-2N2495	
2T311	G	P		AC128-AC132-AC153-2N2431-2N322	2SB51
2T312	G	P		AC128-AC132-AC153-2N2431-2N322	2SB51
2T313	G	P		AC128-AC132-AC131-AC153-2N2431-2N323	2SB52
2T314	G	P		AC128-AC153-AC131-AC132-2N2431-2N324	2SB52
2T315	G	P		AC128-AC153-AC131-AC132-2N2431-2N508	2SB50
2T321	G	P		AC128-AC131-AC153-2N2431-2N319	2SB51
2T322	G	P		AC128-AC131-AC153-2N2431-2N320	2SB51
2T323	G	P		AC128-AC131-AC153-2N2431-2N321	2SB52
2T324	G	P		AC128-2N2431-2N321	2SB52
2T383	G	P		AC131-AC132-AC153-2N526	2SB53
2T501	G	N		2N326	
2T508				By127	
2T511	G	N		ASY73-2N169	2SC77
2T512	G	N		ASY73-2N169	2SC77
2T513	G	N		ASY73-2N169-2N194	2SC77
2T520	G	N		ASY73-2N169-2N233A	2SC77
2T521	G	N		ASY73	2SC76
2T522	G	N		ASY73	2SC77
2T523	G	N		ASY73	2SC77
2T524	G	N		2N216	
2T551	G	N			2SC73
2T552	G	N		ASY74	2SC75
2T681	G	N		AC127-2N2430-2N647	2SD61
2T682	G	N		ASY73	2SD62
2T701	G	N		ASY74-2N168	2SC73
2T2001	G	P		AF178-AF124-AF134-2N2495-2N384	2SA121

3N74

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCLOLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
3N74	S	N		3N79	
3N75	S	N		3N79	
3N76	S	N		3N79	
3N77	S	N		3N79	
3N78	S	N		3N79	
3N87	S	N		3N77-3N79	
3N88	S	N		3N78-3N79	
3N90	S	P		3N110-3N111	
3N91	S	P		3N110-3N111	
3N92	S	P		3N111	
3N93	S	P		3N108-3N111	
3N94	S	P		3N108-3N111	
3N95	S	P		3N109-3N111	
3N100	S	P		3N108-3N111	
3N101	S	P		3N108-3N111	
3N102	S	P		3N108-3N111	
3N103	S	P		3N108-3N111	
3N104	S	P		3N108-3N111	
3N105	S	P		3N108-3N111	
3N106	S	P		3N108-3N111	
3N107	S	P		3N108-3N111	
3N108	S	P		3N111	
3N109	S	P		3N111	
3N110	S	P		3N111	
3N112	S	P		3N108-3N111	
3N113	S	P		3N108-3N111	
3N114	S	P		3N110-3N111	

TIPO	G = GERMANIO S = SILICIO		P = PNP N = NPN	ZUCCOLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
3N115	S	P			3N110-3N111	
3N116	S	P			3N111	
3N117	S	P			3N110-3N111	
3N118	S	P			3N110-3N111	
3N119	S	P			3N111	
3N120	S	P			3N111	
3N121	S	P			3N111	
3N123	S	P			3N111	
2N127	S	N			3N79	
3N128	S	N	5E		3N142	
3N129	S	P			3N108-3N111	
3N130	S	P			3N108-3N111	
3N131	S	P			3N108-3N111	
3N132	S	P			3N108-3N111	
3N133	S	P			3N108-3N111	
3N134	S	P			3N108-3N111	
3N135	S	P			3N108-3N111	
3N136	S	P			3N108-3N111	
3N138	S	N	5E		3N139	
3N139	S	N	5E		3N138	
3N140	S	N	5H		3N141	
3N141	S	N	5H		3N140	
3N142	S	N	5E		40486	
3N143	S	N	5E		3N148	
3N152	S	N	5E		3N143	
3N153	S	N	5E		3N138	
3N154	S	N	5E		40467A	

3N159

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
3N159	S	N	5H	3N140	
3N160	S	P	5G	3N161	
3N161	S	P	5G	3N160	
3NU40	G	P		AC126-2N2429	
3NU70	G	P		AC126-2N2429	
4JD1A17	G	P		AC128-2N2431	
4JX1E850	G	P		AC127-2N2430	
4JX2A601	G	N		AC127-2N2430	
4JX2A816	G	N		AC127-2N2430	
4JX6A567	G	N		2N4401-2N3566	
4JX16A667	S	N		2N4400-2N4401	
4JX16A668	S	N		2N4401-2N3566	
4JX16A669	S	N		2N4401-2N3566	
4NU40	G	P		AC126-2N2429	
4NU70	G	P		AC126-2N2429	
6MC	G	P		AF185	
6XT2	G	P		AC126-2N2429	
8D	G	P		AF185-OC45	
3E	G	P		AF185-OC45	
8F	G	P		AF185-OC45	
12H01	G	P		AF185	
12MC	G	P		AF185	
16G2	S	N		2N5770-2N3563	

82T1

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCOLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
82T1	G	P		AD149-2N2836	
99AT6	G	P		AC128-2N2431	
99B5	G	P		AC128-2N2431	
99BA6	G	P		AF185	
99BE6	G	P		AF185	
99L6	G	N		AC127-2N2430	
99SQ7	G	N		AC127-2N2430	
121.19	G	P		2N2431-AC128	
121.27	G	P		AC128-2N2431	
121.34	G	P		AC128-2N2431	
121.44	G	P		AF185	
121.45	G	P		AF185	
121.46	G	P		AC128-2N2431	
121.47	G	P		AC128-2N2431	
121.48	G	P		AF185	
121.49	G	P		AF185	
121.51	G	P		AF185	
121.52	G	P		AC128-2N2431	
121.53	G	P		AF185	
121.54	G	P		AF185	
121.61	G	P		AF128-2N2431	
121.62	G	P		AF185	
121.63	G	P		AF185	
121.64	G	P		AC128-2N2431	
121.65	G	P		AF185	
121.66	G	P		AF185	
121.67	G	P		AF185	

ITEM	DESCRIPTION	UNIT	QTY	PRICE	TOTAL
121.68	G P			AC128-2N2431	
121.69	G P			AC128-2N2431	
121.72	G P			AF185	
121.73	G P			AF185	
121.74	G P			AF185	
121.75	G P			AF185	
121.76	G P			AF185	
121.78	G P			AF185	
121.83	G P			AF185	
121.91	G P			AF185	
121.92	G P			AF185	
121.93	G P			AF185	
121.95	G P			AC128-2N2431	
121.96	G P			AC128-2N2431	
121.100	G P			AF185	
121.102	G P			AF185	
121.103	G P			AF185	
121.104	G P			AF185	
121.105	G P			AF185	
121.106	G P			AC128-2N2431	
121.107	G P			AC128-2N2431	
121.120	G P			AC128-2N2431	
121.128	G P			AF185	
121.161	G P			AF185	
121.162	G P			AF185	
121.164	G P			AC128-2N2431	
121.179	G P			AF185	

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCcolo	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
16J1	S	N		2N5772-2N4275	
16J2	S	N		2N5772-2N4275	
16K1	S	N		SE5002	
16K2	S	N		SE5002	
16K3	S	N		SE5003	
16L42	S	N		2N4123-EN4123	
16L43	S	N		2N4123-EN4123	
16L44	S	N		2N4123-EN4123	
20MG	G	P		AF185	
25T1	G	P		AF185	
26T1	G	P		AF185	
31T1	G	P		AF185	
32T1	G	P		AF185	
33T1	G	P		AF185	
34.6000.3	G	P		AF185	
34.6000.16	G	P		AC128-2N2431	
34.6000.18	G	P		AF185	
34.6000.19	G	P		AF185	
34.6000.28	G	P		AC128-2N2431	
34.6000.33	G	P		AC128-2N2431	
34.6008	G	P		AC128-2N2431	
34.6009	G	P		AC128-2N2431	
3471	G	P		AF185	
35T1	G	P		AF185	
36T1	G	P		AF185	
37T1	G	P		AF185	
44T1	G	P		AC128-2N2431	

121.180

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOC COLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
121.180	G	P		AF185	
121.190	G	P		AC128-2N2431	
121.191	G	P		AC128-2N2431	
121.192	G	P		AC128-2N2431	
121.1032	G	P		AC128-2N2431	
121.1033	G	P		AC128-2N2431	
121.1034	G	P		AC128-2N2431	
121.1035	G	P		AC128-2N2431	
121.1036	G	P		AC128-2N2431	
125T1	G	P		AC128-2N2431	
126T1	G	P		AC128-2N2431	
127T1	G	P		AC128-2N2431	
153T1	G	P		AF185	
154T1	G	P		AF185	
155T1	G	P		AF185	
156T1	G	P		AF185	
157T1	G	P		AF178-2N2495	
159T1	G	P		AF185	
160T1	G	P		AF178-2N2495	
161T1	G	P		AF178-2N2495	
162T1	G	P		AF178-2N2495	
222	G	P		AF185-OC45	
225	G	P		AF185-OC45	
228	G	P		AF185-OC44	
234	G	P		AF185	
300	G	P		OC72	
301	G	P		OC72	

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOC COLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
302	G	P		OC72	
310	G	P		AC126-OC72-2N2429	
350	G	P		AC128-OC72-2N2431	
352	G	P		AC128-OC72-2N2431	
353	G	P		AC128-OC72	
421T1	G	P		AC128-2N2431	
486T1	G	P		AC126-2N2439	
501T1	G	P		AF178-2N2495	
503T1	G	P		AF178-2N2495	
570C	G	P		OC58	
641T1	G	P		AC128-2N2431	
665T1	G	P		AC126-2N2429	
687T1	G	P		AC126-2N2429	
688T1	G	P		AC126-2N2429	
689T1	G	P		AC126-2N2429	
690T1	G	P		AC126-2N2429	
691T1	G	P		AC126-2N2429	
692T2	G	P		AC126-2N2429	
760	G	P		AF185	
761	G	P		AF185	
941T1	G	P		AC126-2N2429	
965T1	G	P		AC126-2N2429	
987T1	G	P		AC128-2N2431	
988T1	G	P		AC128-2N2431	
989T1	G	P		AC126-2N2429	
990T1	G	P		AC126-2N2429	
991T1	G	P		AC126-2N2429	

992T1

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCCHOLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
992T1	G	P		AC126-2N2429	
1032	G	P		AC128-OC72-2N2431	
1033	G	P		AC128-OC72-2N2431	
1034	G	P		AC128-OC72-2N2431	
1035	G	P		AC128-OC72-2N2431	
1036	G	P		AC128-OC72-2N2431	
1320	G	P		AC128-OC72-2N2431	
1330	G	P		AC128-OC72-2N2431	
1340	G	P		AC128-OC72-2N2431	
1350	G	P		AC128-OC72-2N2431	
1360	G	P		AC128-OC72-2N2431	
1390	G	P		AF185-OC45	
1400	G	P		AF185-OC45	
1410	G	P		AF185-OC45	
3435	G	P		AF185	
3504	G	P		AC126-2N2429	
6100.35	G	P		AC128-2N2431	
09390	G	P		AC128-2N2431	
09391	G	P		AC128-2N2431	
12119	G	P		AC128-2N2431	
12152	G	P		AC128-2N2431	
12153	G	P		AF185-OC44	
12161	G	P		AC128-2N2431	
12163	G	P		AF185	
12165	G	P		AF185-OC45	
12166	G	P		AF185-OC45	
12173	G	P		AF185-OC45	

TIPO	MATERIALE			ZOC-COLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
	G = GERMANIO S = SILICIO	P = PNP N = NPN				
12178	G	P			AF185	
40022	G	P	12		40050	
40050	G	P	12		40051	
40051	S	N			BDX13-2N3715	
40080	S	N	6A		40081	
40081	S	N			40080	
40082	S	N	6A		40081	
40084	S	N			2N2897	
40231	S	N	4		40232	
40232	S	N	4		40232	
40233	S	N	4		2N718A	
40234	S	N			40233	
40235	S	N	4		40472	
40236	S	N	4		40235	
40237	S	N			40474	
40238	S	N	4		40239-40240	
40239	S	N	4		40240	
40240	S	N	4		40239	
40242	S	N			40478	
40243	S	N	4		40478	
40244	S	N	4		40480	
40245	S	N			40481-40426	
40246	S	N			40481-40245	
40250	S	N	11		40250	
40251	S	N	12		203771	
40254	G	P	12		40051-40022	
40261	G	P	2A		40487	

40262

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCLOLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
40262	G	P		40488	
40263	G	P	2A	40480-40395	
40279	S	N	27A	2N3375	
40280	S	N		2N4427	
40281	S	N			
40282	S	N		2N3632	
40290	S	N	6A	40291	
40291	S	N	27A	40290	
40292	S	N	27A	40282	
40294	S	N		2N2857	
40295	S	N		2N2708	
40296	S	N		2N3839	
40305	S	N	6A	2N3553	
40306	S	N		2N3375	
40307	S	N		2N3532	
40309	S	N		40311-40315	
40310	S	N		40314-40324	
40311	S	N	6A	40314	
40312	S	N		40316	
40313	S	N		40318	
40314	S	N	6A	40315	
40315	S	N	6A	40314	
40316	S	N		40312	
40317	S	N	6A	40320	
40318	S	N		40322	
40319	S	P	12	40362	
40320	S	N	6A	40317	

TIPO	MATERIALE		PACIFICAZIONE	ROCCOLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
	G = GERMANIO S = SILICIO	P = PNP N = NPN				
40321	S	N			40327	
40322	S	N			40318	
40323	S	N			40309	
40324	S	N			40316	
40325	S	N			2N3715	
40326	S	N			40320-40317	
40327	S	N			40317-40385	
40328	S	N			2N4240	
40329	G	P	2A			
40340	S	N	27A		40341	
40341	S	N	27A		40340	
40346	S	N	6A		40412	
40347	S	N	6A		40348	
40348	S	N			40349	
40349	S	N			40348	
40354	S	N	4			
40355	S	N			40354	
40359	G	P			40263	
40360	S	N			40361	
40361	S	N			40360	
40362	S	P			40319	
40363	S	N			2N3715	
40364	S	N				
40366	S	N	6A		2N2405	
40367	S	N			40366	
40368	S	N			2N1486	
40369	S	N			2N4914	

40372

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCCHIO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
40372	S	N		2N3054	
40373	S	N		2N3441	
40374	S	N		2N3583	
40375	S	N		2N3879	
40385	S	N		2N4063	
40389	S	N		40392-2N3053	
40390	S	N		2N3440	
40391	S	P		40394-2N4037	
40392	S	N		40389	
40394	S	P		2N4037	
40395	G	P		40263	
40396	G	P			
40397	S	N	4	40453	
40398	S	N		40454	
40399	S	N		40455	
40400	S	N		40456	
40405	S	N		40519	
40406	S	P			
40407	S	N		40408	
40408	S	N			
40409	S	N		2N5053	
40410	S	P		2N4036	
40411	S	N		2N3715	
40412	S	N	6A	40412	
40413	S	N		TIP33	
40414	S	N		TIP33	
40421	G	P		2N2147	

TITO	C = CEMENTO S = STUCCO P = PAVI N = NPI			ZOCCHI C	EQUIVALENZE EUROPEE AMERICANE	EQUIVALENZE GIAPPONESI
	G	P				
40439	G	P			2N3731	
40440	G	P			2N3731	
40446	S	N			40582	
40450	S	N			2N3241A	
40451	S	N			2N3242A	
40452	S	N			2N4074	
40453	S	N			2N3242A	
40454	S	N			2N3242A	
40455	S	N			40398-40399	
40456	S	N			40400	
40458	S	N	4		40459-2N3241A	
40459	S	N			2N3241A	
40462	G	P			40421	
40467A	S	N			3N154	
40468	S	N			40468A	
40472	S	N	4		40473	
40473	S	N	4		40472	
40474	S	N			20237	
40475	S	N			40476-40477	
40476	S	N			40475-40477	
40477	S	N			40475-40476	
40478	S	N			40479	
40479	S	N			40478	
40480	S	N			40474	
40481	S	N	4		40482	
40482	S	N	4		40481	
40487	G	P			40488-40261	

40488

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCCHOLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
40488	G	P		40261	
40489	G	P		40487	
40490	G	P	2A	40395-2N2953	
40491	S	N			
40513	S	N		2N5035	
40514	S	N		40513	
40517	S	N		40518-40296-2N3839	
40518	S	N		40517-40296-2N3839	
40519	S	N	4	40405	
40537	S	P	6A	2N5322-40362	
40538	S	P		2N5322	
40539	S	P	6A	40635	
40542	S	N		40543	
40543	S	N		40633	
40544	S	N	6A	40392	
40559	S	N		40468A	
40577	S	N	6A	2N3118	
40578	S	N		2N3866	
40581	S	N		40582	
40582	S	N		40581	
40594	S	N	6A		
40600	S	N		40673	
40601	S	N			
40602	S	N		40603	
40603	S	N		40602	
40604	S	N		40603	
40608	S	N	6A	2N5108	

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCULO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
40611	S	N	6A	40616	
40612	G	P	12	40623	
40613	S	N		2N6121	
40616	S	N	6A		
40618	S	N		2N6121	
40621	S	N		2N6122	
40622	S	N		2N6122	
40623	G	P	12	40626	
40624	S	N		2N6122	
40625	S	N		40628	
40626	G	P	12	40051	
40627	S	N		2N6122	
40628	S	N		40625	
40629	S	N		2N6121	
40630	S	N		2N6122	
40631	S	N		2N6121	
40632	S	N		2N6121	
40633	S	N	12	40543	
40634	S	P	6A	2N4314-2N4036	
40635	S	N	6A	2N3053	
40636	S	N	12	40363	
40637	S	N	4		
40673	S	N		3N159	
814044A	G	P		AC128-2N2431	
815020	G	P		AF185	
815021	G	P		AF185	
815023	G	P		AC128-2N2431	

815024

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCOLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
815024	G	P		AC128-2N2431	
815025	G	P		AF185	
815027	G	P		AF185	
815028	G	P		AF185	
815029	G	P		AC128-2N2431	
815030	G	P		AC128-2N2431	
815031	G	P		AC128-2N2431	
815034	G	P		AC128-2N2431	
815036	G	P		AF185	
815037	G	P		AF185	
815038	G	P		AC128-2N2431	
815041	G	P		AF185	
815043	G	P		AF185	
815068	G	P		AC128-2N2431	
815070A	G	P		AC128-2N2431	
815075	G	N		AC127-2N2430	
815076	G	N		AC127-2N2430	
815103	G	P		AF185-2N2431	
815104	G	P		AC128	
815105	G	P		AF185	
825065	G	P		AF185	

TIPO	G = GERMANIO S = SILICIO	P = PNP N = NPN	ZOCOLLO	EQUIVALENZE EUROPEE-AMERICANE	EQUIVALENZE GIAPPONESI
2T3011	G	P		ASZ16-AUY21-AUY28-2N301	2SB140
2T3031	G	P		AD149-AD150-2N2836-2N301	2SB143
2T3032	G	P		AD149-AD150-2N2836-2N301	2SB144
2T3033	G	P		AD149-AD150-2N2836-2N301	2SB144
2T3041	G	P		AD149-AD150-2N2836	2SB145
2T3042	G	P		AD149-AD150-2N2836	2SB146
2T3043	G	P		AD149-AD150-2N2836	2SB146
3MC	G	P		AF185	
3N25/501	G	P		AF185-DC71	
3N62	S	N		3N79	
3N63	S	N		3N78-3N79	
3N64	S	N		3N77-3N79	
3N65	S	N		3N79	
3N66	S	N		3N78	
3N67	S	N		3N77-3N79	
3N68	S	N		3N79	
3N68A	S	N		3N79-3N108	
3N69	S	N		3N78-3N79	
3N70	S	N		3N77-3N79	
3N71	S	N		3N77-3N79	
3N72	S	N		3N78-3N79	
3N73	S	N		3N79	