

N E C ELECTRONICS INC

Transistors

• Darlington Power Transistors

I_C (DC) [A] V_{CEO} [V]	Package	1.5	2.0	3.0	5.0	7.0	10	15	25
60	TO-126		NTD985 NTB794						
80	TO-126		NTD986 NTB795				NTD411 (TO-3)		
100	TO-220AB				NTD560 NTB601		NTD1210 (MP-80) NTB897 (MP-80)	2SD1296 (MP-80) NTD412 (TO-3)	2SD1297 (MP-80)
400	TO-220AB				NTD987 NTD1162 (300V)		NTD565 (TO-3) 2SD1298 (MP-80)		

• Power Transistors

I_C (DC) [A] V_{CEO} [V]	Package	1.5	2.0	3.0	5.0	7.0	10	15
30 ~ 45	TO-126			2SB772 2SD882 2SB744 2SD794				
	TO-220AB						NTA1129 NTC2654	
60	TO-126			2SB744A 2SD794A				
	TO-220AB				NTA1069 NTC2516	NTB707 NTD568	NTD1070 (MP-80)	
80	TO-220AB			2SB703 2SD743	NTA1069A NTC2516A	NTB708 NTD569		
100 ~ 150	TO-220AB		NTA1008 NTC2331		NTC2517	NTA1010 NTC2334		
	MP-80							NTC2750
	TO-220AB	2SA1006 2SC2336						
400	TO-220AB		NTC2333			NTC2335		
	MP-80						NTC2749	NTC2751

• Small-Signal Transistors

I_C (DC) [mA] V_{CEO} [V]	Package	100	200	300	500	700 ~ 1000
25	TO-92					2SC2001, 2SA952
30				* 2SC1280A		
40	TO-92				2SC2720, 2SA1153	
	TO-18		2SC943, 2SA603			
50	TO-92	2SC945, 2SA733 2SC2718, 2SA1151				
	SP-8					2SD571, 2SB605
60	TO-92			2SC2003, 2SA954		
	SP-8					2SC2721, 2SA1154
80	TO-92			2SC2719, 2SA1152		
	SP-8					2SD1312, 2SB984

• Mini-Mold Transistors for Hybrid ICs

Type No.	I _C [mA]	V _{CEO} [V]	P _d [mW]
2SA811A	— 50	— 120	200
2SA812	— 100	— 50	150
2SB624	— 700	— 25	200
2SB736	— 300	— 60	200
2SC1622A	50	120	200
2SC1623	100	50	150
2SC1654	50	160	150
2SD596	700	25	200
2SD780	300	60	200

• Power Mini-Mold Transistors for Hybrid ICs

NPN No.	V _{CEO} [V]	I _C [A]	P _T [W]	h _{FE} [—]	PNP No.
2SD1000	50	0.7	2.0	90 ~ 400	2SB799
2SD1006	100	0.7	2.0	90 ~ 400	2SB805
2SD1007	120	0.7	2.0	90 ~ 400	2SB806
2SD999	25	1.0	2.0	90 ~ 400	2SB798
2SD1005	80	1.0	2.0	90 ~ 400	2SB804
2SD1001	50	0.3	2.0	90 ~ 400	2SB800

* Darlington