

# Transistors

## • Darlington Power Transistors

V <sub>CEO</sub> [V]	I <sub>c</sub> (DC) [A]	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)		

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V <sub>CEO</sub> [V]	I <sub>c</sub> (DC) [A]	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

V <sub>CEO</sub> [V]	I <sub>c</sub> (DC) [mA]	Package	100	200	300	500	700~1000
			25	TO-92			
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	

\* Darlington

## • Mini-Mold Transistors for Hybrid ICs

Type No.	I <sub>c</sub> [mA]	V <sub>CEO</sub> [V]	P <sub>d</sub> [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 <sub>CEO</sub> [V]	I <sub>c</sub> [A]	P <sub>T</sub> [W]	h <sub>FE</sub> [—]	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