

## NPN General Purpose Amplifier and Switching Transistors

Plastic Package (TO 92, TO 105, TO 106)

REFERENCE TABLE See also low level and high voltage section.

Code	MAX RATINGS		CHARACTERISTICS (α 25°C)								Stock No.	Outline Drawing No.
	V <sub>CEO</sub> volts Min	P <sub>TOT</sub> T <sub>A</sub> =25°C mW	h <sub>FE</sub> Min	h <sub>FE</sub> " Max	I <sub>C</sub> mA	V <sub>CE(sat)</sub> Volts α I <sub>C</sub> Max mA	C <sub>ob</sub> pF Max	f <sub>T</sub> MHz Min	t <sub>off</sub> ns Max			
BC118	45	310	40	160	10	—	—	3.5	200		35273E	129
BC125	30	300	30	—	150	0.25	150	25	40		35274C	128
BC537	60	625	40	400	100	0.5	1000	15	100		35275A	73
BC537-6	60	625	40	100	100	0.5	1000	15	100		35276X	73
BC537-10	60	625	63	160	100	0.5	1000	15	100		35277H	73
BC538	80	625	40	400	100	0.5	1000	15	100		35278F	73
BC538-6	80	625	40	100	100	0.5	1000	15	100		35279D	73
BC538-10	80	625	63	160	100	0.5	1000	15	100		35280G	73
MPSA05	60	625	50	—	100	0.25	100	—	50		35281E	73
MPSA06	80	625	50	—	100	0.25	100	—	50		35282C	73
2N3903	40	625	50	150	10	0.2	10	4.0	250	225	35283A	73
2N3904	40	625	100	300	10	0.2	10	4.0	300	225	35284X	73
2N4401	40	625	100	300	150	0.4	150	6.5	250	225	35285H	73
2N4410	80	625	60	400	10	0.2	1.0	12	60		35286F	73

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## NPN Low Level, Low Noise Amplifier Transistors

Metal Can (TO 18)

REFERENCE TABLE

Code	Max Ratings		Characteristics α 25°C						Stock No.	Outline Drawing No.			
	V <sub>CEO</sub> Volts Min	P <sub>TOT</sub> T <sub>A</sub> α 25°C mW	h <sub>FE</sub> h <sub>FE</sub> α Min	(h <sub>FE</sub> ) (h <sub>FE</sub> ) Max	I <sub>C</sub> mA	h <sub>FE</sub> h <sub>FE</sub> α Min	(h <sub>FE</sub> ) (h <sub>FE</sub> ) Max	I <sub>C</sub> mA			NF dB α f Max kHz	NF dB α f Max kHz	
2N930	45	300	100	300	0.01	600	—	10	—	—	3.0 α wideband	35287D	65
2N2484	60	300	100	500	0.01	250	—	1.0	2.0	10	3.0 α wideband	35288B	65

PLEASE QUOTE STOCK NO. AND MANUFACTURER'S CODE WHEN ORDERING