

TRANSISTORS—SMALL SIGNAL

NPN GENERAL PURPOSE AMPLIFIER AND SWITCHING TRANSISTORS (BY ASCENDING V_{CEO})

PLASTIC PACKAGE

(ALSO SEE LOW LEVEL AND HIGH VOLTAGE SECTION)

Continued

TYPE	V _{CEO} (V _{CER})		h _{FE} (h _{fe})		V _{CE(sat)}		C _{ob}	f _T	t _{off}	P _D		Package	PNP Complement
	VOLTS		h _{FE}	@ I _C	VOLTS @	I _C	pF	MHz	ns	T _A	T _C		
	MIN	MIN - MAX	@	mA	MAX	mA	MAX	MIN	MAX	25°C	25°C		
2N5858	80	50 - 300	@	150	0.40	@	150	12.0	200		750	TO-105	2N5857
MPS6590	80	40	@	10	0.60	@	10	12.0	60		625 1.0	TO-92	MPSA56

PNP GENERAL PURPOSE AMPLIFIER AND SWITCHING TRANSISTORS (BY ASCENDING V_{CEO})

METAL PACKAGE

(ALSO SEE LOW LEVEL AND HIGH VOLTAGE SECTION)

TYPE	V _{CEO} (V _{CER})		h _{FE}		V _{CE(sat)}		C _{ob}	f _T	t _{off}	P _D		Package	NPN Complement
	VOLTS		h _{FE}	@ I _C	VOLTS @	I _C	pF	MHz	ns	T _A	T _C		
	MIN	MIN - MAX	@	mA	MAX	mA	MAX	MIN	MAX	25°C	25°C		
2N996	12	30	@	60	0.30	@	60	1.0	100		360 1.2	TO-18	2N916
2N995	15	35	@	20	0.20	@	20	10.0	100		360 1.2	TO-18	2N916
2N995A	15	35 - 140	@	20	0.20	@	20	6.0	100	90	360 1.2	TO-18	2N914
2N869AJAN*	18	40 - 120	@	10	0.15	@	10	6.0	400	80	360 1.2	TO-18	2N914
2N869	18	20	@	10	1.00	@	10	9.0	100		360 1.2	TO-18	2N916
2N869A	18	40 - 120	@	30	0.20	@	30	6.0	400	80	360 1.2	TO-18	2N914
2N978	20	15 - 60	@	150	1.50	@	150	45.0	40		330 1.25	TO-18	2N2221
2N1991	20	15 - 60	@	150	1.50	@	150	45.0	40		600 2.0	TO-5	2N2218
2N2927	25	30 - 130	@	50	0.25	@	50	20.0	100	300	800 3.0	TO-5	2N2218
2N2696	25	30 - 130	@	50	0.25	@	50	20.0	100	170	360 1.2	TO-18	2N2221
2N3134	35	100 - 300	@	150	0.60	@	150	10.0	200	150	600 3.0	TO-5	2N2219
2N3136	35	100 - 300	@	150	0.60	@	150	10.0	200	150	400 1.8	TO-18	2N2221
2N2303	35	75 - 200	@	150	1.50	@	150	45.0	60		600 2.0	TO-5	2N2219
2N2801	35	75 - 225	@	150	0.40	@	150	25.0	120	270	800 3.0	TO-5	2N2219
2N2838	35	75 - 225	@	150	0.40	@	150	25.0	120	270	500 1.8	TO-18	2N2222
2N3133	35	40 - 120	@	150	0.60	@	150	10.0	200	150	600 3.0	TO-5	2N2218
2N3135	35	40 - 120	@	150	0.60	@	150	10.0	200	150	400 1.8	TO-18	2N2221
2N2800	35	30 - 90	@	150	0.40	@	150	25.0	120	270	800 3.0	TO-5	2N2218
2N2837	35	30 - 90	@	150	0.40	@	150	25.0	120	250	500 1.8	TO-18	2N2221
2N722	35	30 - 90	@	150	1.50	@	150	45.0	60		400 1.5	TO-18	2N718
2N1132	35	30 - 90	@	150	1.50	@	150	45.0	60		600 2.0	TO-39	2N1613
2N1132JAN	35	30 - 90	@	150	1.50	@	150	45.0	60		600 2.0	TO-39	2N1613JAN
2N721	35	25 - 45	@	150	1.50	@	150	45.0	50		400 1.5	TO-18	2N717
2N1131	35	20 - 45	@	150	1.50	@	150	45.0	50		600 2.0	TO-39	2N2194
2N4035	40	150 - 300	@	10	0.14	@	10	3.5	450	150	360 1.0	TO-18	2N3947
FT3906	40	100 - 300	@	10	0.25	@	10	4.5	250	300	360 1.2	TO-18	FT3904
2N3251	40	100 - 300	@	10	0.25	@	10	6.0	300	250	360 1.2	TO-18	2N3947
2N4034	40	70 - 200	@	10	0.14	@	10	3.5	400	150	360 1.0	TO-18	2N3946
FT3905	40	50 - 150	@	10	0.25	@	10	4.5	200	260	360 1.2	TO-18	FT3903
2N3250	40	50 - 150	@	10	0.25	@	10	6.0	250	225	360 1.2	TO-18	2N3946
2N2905	40	100 - 300	@	150	0.40	@	150	8.0	200	110	600 3.0	TO-5	2N2218A
2N2905JAN*	40	100 - 300	@	150	0.40	@	150	8.0	200	110	600 3.0	TO-5	2N2218A
2N2907	40	100 - 300	@	150	0.40	@	150	8.0	200	110	400 1.8	TO-18	2N2222A
2N2907JAN*	40	100 - 300	@	150	0.40	@	150	8.0	200	110	400 1.8	TO-18	2N2222A
2N4037	40	50 - 250	@	150	1.40	@	150		60		1000	TO-5	2N3110
2N2904	40	40 - 120	@	150	0.40	@	150	8.0	200	110	600 3.0	TO-5	2N2218A

* JAN TX also available
Preferred devices in bold type