

General Purpose Amplifiers and Switches (continued)

Bipolar Transistors

V _{CE(sust)} (Volts) Min	Devices		I _c (mA) Max	h _{FE} @ I _c			f _T @ I _c		NF (dB) Max	Package	P _D (Amb) (mW) @25°C	
	NPN	PNP		Min	Max	mA	(MHz) Min	mA				
45		BC857	100	125	800	2.0	300 Typ	10	10	TO-236*	350	
		BC860	100	125	800	2.0	300 Typ	10	3.0	TO-236*	350	
		BCX71	100	120	630	2.0	125 Typ	20	6.0	TO-236*	350	
		BCX59	BCX79	100	120	630	2.0	125	10	6.0	TO-92(97)	625
		D41D4		1500	50	150	100	150	20		TO-202(55)	1333
		D41D5		1500	120	360	100	150	20		TO-202(55)	1333
		PN3644		500	100	300	150	200	20		TO-92(92)	625
40	2N2219A		500	100	300	150	300	20		TO-39	800	
	2N2222A		500	100	300	150	300	20		TO-18	400	
	2N3053		700	50	250	150	100	50		TO-39	800	
	2N3903		200	50	150	10	250	10	6.0	TO-92(92)	625	
	2N3904		200	100	300	10	300	10	5.0	TO-92(92)	625	
	2N4400		600	50	150	150	200	20		TO-92(92)	625	
	2N4401		600	100	300	150	250	20		TO-92(92)	625	
	2N6715	2N6727	1000	50	250	1000	50	50		TO-237(91)	850	
	2N697		200	40	120	150				TO-39	600	
	MMBT2222A		500	100	300	150	300	20		TO-236*	350	
	MMBT3904		200	100	300	10	300	10	5.0	TO-236*	350	
	MMBT4400		600	50	150	150	200	20		TO-236*	350	
	MMBT4401		600	100	300	150	250	20		TO-236*	350	
	MPS6531	MPS6534	600	90	270	100	250 Typ	20	2.0 Typ	TO-92(92)	625	
	PN2222A		500	100	300	150	300	20	4.0	TO-92(92)	625	

* TO-236AB is standard for all devices.
Please refer to Surface Mount section for TO-236 Device Marking.

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