

General Purpose Amplifiers and Switches (continued)

NATL SEMICOND (DISCRETE)

$V_{CE0(sust)}$ (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	BC550		100	200	800	2.0	300 Typ	10	3.0	TO-92(97)	625	
	BC635	BC636	1000	40	250	150	130 Typ	100		TO-92(94)	625	
	BC817	BC807	1000	100	600	100	200 Typ	100		TO-236*	350	
	BC847			100	110		0.01	300 Typ	10	10	TO-236*	350
						800	2.0				TO-236*	
	BC850			100	200		0.01	300 Typ	10	3.0	TO-236*	350
						800	2.0				TO-236*	
	BCX19	BCX17	1000	100	600	100	100 Typ	50		TO-236*	350	
	BCX59	BCX79	100	120	630	2.0	125	10	6.0	TO-92(97)	625	
	BCX70		100	120	630	2.0	125	10	6.0	TO-236*	350	
	BD371	BD370	1000	40	400	100	50	200		TO-237(91)	850	
	BD373	BD372	1000	40	400	100	50	200		TO-237(90)	850	
	MMBT100	MMBT200	500	100	450	10	250	20	4.0	TO-236*	350	
	PN100	PN200	500	100	450	10	250	20	4.0	TO-92(92)	625	
	PN100A	PN200A	500	300	600	10	250	20	4.0	TO-92(92)	625	
	PN3642		500	40	120	150	150	50		TO-92(92)	625	
	PN930		30	100	300	0.01	30	0.5		TO-92(92)	625	
		BC557	100	75	260	2.0	300 Typ	10	10	TO-92(97)	625	
	BC560	100	75	800	2.0	300 Typ	10	3.0	TO-92(97)	625		

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

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