

General Purpose Amplifiers and Switches (continued)

NATL SEMICON (DISCRETE)

$V_{CE(sat)}$ (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			
30	MPSW01A	MPSW51A	1000	50		1000	50	50		TO-226	1000
	NSDU01		1000	60		100	50	50		TO-202(55)	1333
	PN2222		500	100	300	150	250	20		TO-92(92)	625
	PN3566		200	150	600	10	40	30		TO-92(92)	625
	PN3643		500	100	300	150	250	50		TO-92(92)	625
	PN4141		500	100	300	150	250	20		TO-92(92)	625
	TN2219		500	100	300	150	250	20		TO-237(91)	850
		2N4125	200	50	150	2.0	200	10	5.0	TO-92(92)	625
		BC213	100	80	600	2.0	200	10	10	TO-92(97)	625
		BC214	100	140	600	2.0	200	10	2.0	TO-92(97)	625
		BC558	100	75	800	2.0	300 Typ	10	10	TO-92(97)	625
		BC559	100	75	800	2.0	300 Typ	10	4.0	TO-92(97)	625
		BC858	100	125	800	2.0	300 Typ	10	10	TO-236*	350
		BC859	100	125	800	2.0	300 Typ	10	4.0	TO-236*	350
		MMBT4125	200	50	150	2.0	200	10	5.0	TO-236*	350
		PN2907	500	100	300	150	200	20		TO-92(92)	625
		PN4143	500	100	300	150	200	20		TO-92(92)	625
		PN4917	100	150	300	10	450	10	4	TO-92(92)	625
		PN5138	50	50	800	0.1	30	0.5		TO-92(92)	625

* TO-236AB is standard for all devices.

Please refer to Surface Mount section for TO-236 Device Marking.

