

SURFACE MOUNT PRODUCTS — SOT 23 (continued)

Low-Noise SOT-23 Transistors

Pinout: 1-Base, 2-Emitter, 3-Collector

NPN

Device	Marking	NF dB (Typ)	V _{BR} (CEO)	HFE			f _T Min (MHz)
				Min	Max	@I _C (mA)	
MMBT5088	1Q	1.0	30	300	900	1.0	50
MMBT5089	1R	1.0	25	400	1200	1.0	50
MMBT2484	1U	3.0	60	100	600	0.01	15
MMBT6428	1K	3.0	50	250	650	1.0	100
MMBT6429	1L	3.0	45	500	1250	1.0	100

PNP

MMBT5087	2Q	1.0	50	250	800	1.0	40
MMBT5086	2P	1.5	50	150	500	1.0	40

High-Voltage SOT-23 Transistors

Pinout: 1-Base, 2-Emitter, 3-Collector

NPN

Device	Marking	V _{BR} (CEO)	HFE			f _T Min (MHz)
			Min	Max	@I _C (mA)	
MMBTA42	1D	300	40	—	10	50
MMBTA43	1E	200	40	—	10	50
MMBC1654N5	N5	160	150	330	15	120
MMBC1654N6	N6	160	100	220	15	120
MMBC1654N7	N7	160	50	130	15	120
MMBT5551	G1	160	60	250	10	120
MMBC1653N2	N2	130	150	330	15	120
MMBC1653N3	N3	130	100	220	15	120
MMBC1653N4	N4	130	50	130	15	120

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PNP

MMBTA92	2D	300	40	—	10	50
MMBTA93	2E	200	40	—	10	50
MMBT5401	2L	150	60	240	10	100

SOT-23 Driver Transistors

Pinout: 1-Base, 2-Emitter, 3-Collector

NPN

Device	Marking	V _{BR} (CEO)	HFE			f _T Min (MHz)
			Min	Max	@I _C (mA)	
MMBTA06	1G	80	50	—	10	100
BSS64	AM	80	20	80	4.0	50
MMBTA05	1H	60	50	—	10	100

PNP

BSS63	BM	100	30	—	10	50
MMBTA56	2G	80	50	—	10	100
MMBTA55	2H	60	50	—	10	100