

Pro Electron Surface Mount Bipolar Devices (continued)

Device No. (SOT-23 Mark)	Case Style	V_{CES}^* V_{CBO} (V) Min	V_{CEO} (V) Min	V_{EBO} (V) Min	I_{CES}^* I_{CBO} (nA) Max	H_{FE} h_{FE} @ I_C & V_{CE} (mA) (V) Min Max	$V_{CE(SAT)}$ (V) Max	$V_{BE(SAT)}$ $V_{BE(ON)}$ (V) Min Max	I_C (mA) Min Max	C_{∞} (pF) Max	f_T (MHz) Min	I_C (mA)	t_{on} (ns) Max	NF (dB) Max	Test Conditions	Process No.
BSR14 (U8)	TO-236 (49)	75	40	6	10	35 50 75 100 300 150 50 40	0.1 1 10 10 10 10 1 10	0.3	0.6 1.2 150	8	300	20				19
BSR15 (T7)	TO-236 (49)	60	40	5	20	35 50 75 100 300 150 30	0.1 1 10 10 10 10 500	0.4	1.3 150 2.6 500	8	200	50	100		(Note 7)	63
BSR16 (T8)	TO-236 (49)	60	60	5	10	75 100 100 100 300 50	0.1 1 10 10 10 10	0.4	1.3 150 2.6 500	8	200	50	100		(Note 7)	63
BSR17A (U92)	TO-236 (49)	60	40	6	50	40 70 100 60 30	0.1 1 10 50 100	0.2	0.65 0.85 10 0.95 50	4	300	20	250		(Note 5)	23 (6-72)
BSR18A (T92)	TO-236 (49)	40	40	5	50	60 80 100 60 30	0.1 1 10 50 100	0.25	0.65 0.85 10 0.95 50	4.5	250	10	300		(Note 5)	66 (6-79)
BSS63 (T3)	TO-236 (49)	110	100	6	100	30 30	10 25	0.25	0.9 25		50	25				74 (6-84)
BSS64 (U3)	TO-236 (49)	120	80	5	100	20	10	0.15 0.2	1.2 4 50	5	60	4				16 (6-88)

NOTE: National preferred device for each process in bold. Number shown in parentheses indicates location (section-page) of device datasheet.