

Consumer Series (continued)

Device No.	Case Style	V <sub>CE0</sub> (V) Min	V <sub>EB0</sub> (V) Min	I <sub>CBO</sub> (mA) Max	V <sub>CB</sub> (V) @	h <sub>FE</sub>		I <sub>C</sub> & V <sub>CE</sub> (V)		V <sub>CE(SAT)</sub> (V) Max	V <sub>BE(SAT)</sub> (V) Min	I <sub>C</sub> @ (mA)		C <sub>cb</sub> (pF) Max	f <sub>T</sub> (MHz) @		NF (dB) Max	Test Conditions	Process No.
						Min	Max	Min	Max			Min	Max		Min	Max			
CS9014C	TO-92 (92)	50	5	50	30	200	600	1	5	0.3	1	10	10	4.5	100	10	10	(Note 3)	07
CS9015C	TO-92 (92)	50	5	50	30	200	600	1	5	0.3	1	10	10	6	100	10	10	(Note 3)	62
CS9016F	TO-92 (92)	30	5	50	20	54	80	1	5	0.3	1	10	5	1.6	300	1	5	(Note 4)	49
CS9016H	TO-92 (92)	30	5	50	20	97	146	1	5	0.3	1	10	5	1.6	300	1	5	(Note 4)	49
CS9018D	TO-92 (92)	30	5	50	20	28	45	1	5	0.3	1	10		1.7	400	2			43
CS9018F	TO-92 (92)	30	5	50	20	54	80	1	5	0.3	1	10		1.7	400	2			43
CS9018G	TO-92 (92)	30	5	50	20	72	108	1	5	0.3	1	10		1.7	400	2			43
CS9018I	TO-92 (92)	30	5	50	20	132	198	1	5	0.3	1	10		1.7	400	2			43
NR431EF	TO-92 (92)	18	3	100	15	20	240	1	5	0.3	0.95	10		1.7	350	1		(Note 1)	43
SA733	TO-92 (94)	60	50	100	50	90	600	1	6	0.3		100		6	150	10	20		69
2SA1015	TO-92 (94)	50	5	100	40	70	400	2	6	0.3		100		7			10		69
2SC945	TO-92 (94)	60	5	100	50	90	600	1	6	0.3		100		4	150	10	20		11
2SC1815	TO-92 (94)	60	5	100	50	70	400	2	6	0.3		100		4			10		11

TEST CONDITIONS

Note 1: I<sub>C</sub> / I<sub>B</sub> = 20.

Note 2: I<sub>C</sub> = 1.0 mA, I<sub>B</sub><sup>1</sup> = I<sub>B</sub><sup>2</sup> = 1 mA.

Note 3: I<sub>C</sub> = 100 μA, f = 5.0 kHz.

Note 4: I<sub>C</sub> = 1.0 mA, f = 100 kHz.