

Consumer Series (continued)

Device No.	Case Style	V _{CS0} (V) Min	V _{CE0} (V) Min	V _{EB0} (V) Min	I _{CS0} (nA) @ Max	V _{CB} (V) Max	h _{FE} @ I _C & I _{CE} (mA) (V) Min Max	V _{CE(SAT)} (V) Max	V _{BE(SAT)} (V) Min Max	I _C @ (mA) Max	C _∞ (pF) Max	f _T (MHz) Min Max	I _C (mA) Max	NF (dB) Max	Test Conditions	Process No.
CS9014C	TO-92 (92)	50	40	5	50	30	200 600	0.3	1 10	10	4.5	100	10	10	(Note 3)	07
CS9015C	TO-92 (92)	50	40	5	50	30	200 600	0.3	1 10	10	6	100	10	10	(Note 3)	62
CS9016F	TO-92 (92)	30	20	5	50	20	54 80	0.3	1 10	10	1.6	300	1	5	(Note 4)	49
CS9016H	TO-92 (92)	30	20	5	50	20	97 146	0.3	1 10	10	1.6	300	1	5	(Note 4)	49
CS9018D	TO-92 (92)	30	15	5	50	20	28 45	0.3	1 10	10	1.7	400	2			43
CS9018F	TO-92 (92)	30	15	5	50	20	54 80	0.3	1 10	10	1.7	400	2			43
CS9018G	TO-92 (92)	30	15	5	50	20	72 108	0.3	1 10	10	1.7	400	2			43
CS9018I	TO-92 (92)	30	15	5	50	20	132 198	0.3	1 10	10	1.7	400	2			43
NR431EF	TO-92 (92)	18	15	3	100	15	20 240	0.3	0.95 10	10	1.7	350	1		(Note 1)	43
SA733	TO-92 (94)	60	50	50	100	50	90 600	0.3		100	6	150	10	20		69
2SA1015	TO-92 (94)	50	50	5	100	40	70 400 25 150	0.3		100	7			10		69
2SC945	TO-92 (94)	60	50	5	100	50	90 600	0.3		100	4	150	10	20		11
2SC1815	TO-92 (94)	60	50	5	100	50	70 400 25 150	0.3		100	4			10		11

TEST CONDITIONS

Note 1: I_C/I_B = 20Note 2: I_C = 1.0 mA, I_B¹ = I_B² = 1 mA.Note 3: I_C = 100 μA, f = 5.0 kHz.Note 4: I_C = 1.0 mA, f = 100 kHz.