Consumer Series (continued)

Device No.	Case Style	V_{CBO} (V) Min	V_{CEO} (V) Min	V_{EBO} (V) Min	I_{CBO} (nA) @ V_{CB} Max (V)	h_{FE} Min	h_{FE} Max	@ I_C (mA)	& V_{CE} (V)	$V_{CE(SAT)}$ (V) Max	& $V_{BE(SAT)}$ (V) Min	$V_{BE(SAT)}$ (V) Max	@ I_C (mA)	C_{ob} (pF) Max	f_T (MHz) Min	f_T (MHz) Max	@ I_C (mA)	NF (dB) Max	Test Conditions	Process No.
CS9014C	TO-92 (92)	50	40	5	50	30	200	600	1	5	0.3		1	10	4.5	100		10	10	(Note 3)	07
CS9015C	TO-92 (92)	50	40	5	50	30	200	600	1	5	0.3		1	10	6	100		10	10	(Note 3)	62
CS9016F	TO-92 (92)	30	20	5	50	20	54	80	1	5	0.3		1	10	1.6	300		1	5	(Note 4)	49
CS9016H	TO-92 (92)	30	20	5	50	20	97	146	1	5	0.3		1	10	1.6	300		1	5	(Note 4)	49
CS9018D	TO-92 (92)	30	15	5	50	20	28	45	1	5	0.3		1	10	1.7	400		2			43
CS9018F	TO-92 (92)	30	15	5	50	20	54	80	1	5	0.3		1	10	1.7	400		2			43
CS9018G	TO-92 (92)	30	15	5	50	20	72	108	1	5	0.3		1	10	1.7	400		2			43
CS9018I	TO-92 (92)	30	15	5	50	20	132	198	1	5	0.3		1	10	1.7	400		2			43
NR431EF	TO-92 (92)	18	15	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	50	100	50	90	600	1	6	0.3			100	6	150		10	20		69
2SA1015	TO-92 (94)	50	50	5	100	40	70 25	400	2 150	6 6	0.3			100	7				10		69
2SC945	TO-92 (94)	60	50	5	100	50	90	600	1	6	0.3			100	4	150		10	20		11
2SC1815	TO-92 (94)	60	50	5	100	50	70 25	400	2 150	6 6	0.3			100	4				10		11

TEST CONDITIONS

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