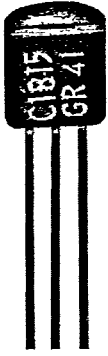


9097250 TOSHIBA (DISCRETE/OPTO)

67C 09133 D T-27-21

TO-92



1. TO-92 PACKAGE SERIES SSTM

» TRANSISTOR «

Type No.		V _{CEO} (V)	I _C (mA)	PC (mW)	hFE		V _{CE} (Sat) MAX.		f _T TYP. (MIN.)		NF MAX.			
NPN	PNP				V _{CE} (V)	I _C (mA)	I _C (mA)	I _B (mA)	V _{CE} (V)	f _T (MHz)	I _C (mA)	V _{CE} (V)	I _C (mA)	R _g (KΩ)
2SC1815	2SA1015	50	150	400	70~700/400	2	0.25/0.3	10	10	(80)	1	6	0.1	1K
2SC2868	2SA1158	80	100	400	120~700	2	0.3	1	10	(80)	2	6	0.1	1K

0:70~140 Y:120~240 GR:200~400 BL:350~700

Application

General Purpose
General Purpose

Low Noise

Low Noise

Low Impedance Low Noise

Super Low r_{bb'}*r_{bb'}=2Ω TYP.

Audio Driver & Out

Audio Out

Audio Driver

High Speed SW

Muting & SW

High β

High Current

High Current

FM RF, MIX, OSC

AM CONV, FM/AM IF

AM RF, CONV, IF

2SC1959	2SA562TM	30	500	500	70~240	1	100	0.25	100	10	200/300	6	20	—	—
2SC2120	2SA950	30	800	600	100~320*	1	100	0.5/0.7	500	20	120	5	10	—	—
2SC1627	2SA817	80	300	600	70~240	2	50	0.5/0.4	200	20/10	100	10	10	—	—

0:70~140 Y:120~240 *O:100~200 *Y:160~320

2SC2754	2SA1164	30	100	200	70~400	12	2	0.5	10	1	400	12	10	—	—
2SC2878*		20	300	400	200~1200**	2	4	0.3	30	3	30	6	4	—	—
2SC3112		50	150	400	600~3600*	6	2	0.25	100	10	250	10	10	—	—
2SC3266	2SA1296	20	2000	750	120~700/400	2	100	0.5	2000	100	120	2	500	—	—
2SC3279	2SA1300	10	2000	750	140~600	1	500	0.5	2000	50	150	1	500	—	—

* V_{CEO}:50vMAX V_{EB0}:25v MAX.

* A:600~1800

B:1200~3600

** A:200~700

B:350~1200

2SC1923		30	20	100	40~200*	6	1	—	—	—	550	6	1	4.0*	100M
2SC380TM		30	50	300	40~240	12	2	0.4	10	1	(100)	10	1	—	—
2SC941TM		30	100	400	40~240	12	2	0.4	10	1	(80)	10	2	3.5	1M

R:40~80 O:70~140 Y:120~240 *Y:hFE=100~200 NF=5dB MAX.