

9097250 TOSHIBA (DISCRETE/OPTO)

67C 09139 D T-27-01

TO-92 MOD (MINI)



TRANSISTOR

Type No.	V _{CEO} (V)	I _C (mA)	P _C (mW)	hFE		V _{CE(sat)} MAX.			f _T TYP. (MIN.)			NF MAX. (TYP.)					
				V _{CE} (V)	I _C (mA)	V _{CE} (V)	I _C (mA)	I _B (mA)	V _{CE} (V)	I _C (mA)	V _{CE} (V)	I _C (mA)	V _{CE} (V)	I _C (mA)	f (Hz)	R _g (KΩ)	
NPN	PNP																
2SC2458	2SA1048	150	200	70~700/400	6	2	0.25/0.3	100	10	10	1	10	6	0.1	1K	10	
2SC2458(L)	2SA1048(L)	150	200	70~700/400	6	2	0.25/0.3	100	10	10	1	10	6	0.1	1K	10	
2SC2459	2SA1049	100	200	200~700	6	2	0.3	10	1	100	6	1	10	0.1	1K	10	
2SC2710	2SA1150	800	300	100~320**	1	100	0.5/0.7	500	20	120	5	10					
2SC3267	2SA1237	2000	400	120~700/400	2	100	0.5	2000	100	120	2	0.5					
2SC3378	2SA1335	100	200	200~700	6	2	0.3	10	1	100	6	1	2	0.1	1K	10	
2SC3488	2SA1378	500	200	70~240	1	100	0.25	100	10	300	6	20					
2SC3113		150	200	600~3600*	6	2	0.25	100	10	250	10	10					
2SC3327		300	200	200~1200#	2	4	0.3	30	3	30	6	4					
2SC2668		20	100	40~200*	6	1				550	5	1	5.0	6	1	100M	
2SC2669		30	200	40~240	12	2	0.4	10	1	(100)	10	1					
2SC2670		30	100	40~240	12	2	0.4	10	1	(80)	10	2	3.5	10	1	1M	
2SC2686		30	50	40~240	6	1				350	6	1	(4.0)	6	1	100M	

R: 40~80 O: 70~140 Y: 120~240 GR: 200~400 BL: 350~700
 * Y: 100~200 * O: 100~200 Y: 160~320
 * A: 600~1800 B: 1200~3600 # A: 200~700 B: 350~1200

JUNCTION FET

Type No.	V _{GD0} (V)	I _G (mA)	P _D (mW)	I _{DSS}		I _{Yfs1} TYP. (MIN.)		C _{oss} MAX. (TYP.)			NF MAX.						
				V _{DS} (V)	I _{DSS} (mA)	V _{DS} (V)	t _{Yfs1} (ms)	V _{GD} (V)	f (MHz)	V _{DS} (V)	I _{DSS} (mA)	f (Hz)	V _{DS} (V)	I _{DSS} (mA)	f (Hz)		
N-Channel	P-Channel																
2SK118		-50	100	0.3~6.5	10	0	(1.2)	10	0	(2.6)	1	5.0	15	1DSS	120	100	
2SK184		-50	200	0.6~14	10	0	15	10	0	(3)	1	10	10	0.5	10	1	
2SK330		-50	200	1.2~14	10	0	4.0	10	0	(2.5)	1						
2SK365		-50	200	1.2~14	10	0	19	10	0	(3)	1						
2SK366		-40	200	2.6~20	10	0	28	10	0	(6)	1						
2SK367		-100	200	0.6~6.5	10	0	4.6	10	0	(3)	1						
2SK370		-40	200	2.6~20	10	0	28	10	0	(6)	1						
2SK371		-10	200	5~30	10	0	60	10	0	(15)	1						
2SK372		-40	200	5~30	10	0	60	10	0	(15)	1						
2SJ105		50	-10	-1.2~-6.5	-10	0	4.0	-10	0	(3.6)	1						
2SJ107		25	-10	-2.6~-20	-10	0	30	-10	0	(32)	1						
2SJ108		25	-10	-2.6~-20	-10	0	30	-10	0	(32)	1						
2SK161		-18	10	1~10*	10	0	9	10	0	0.15	1	3.5	10			100M	
2SK192A		-18	10	3~24**	10	0	7	10	0	0.65	1	3.5	10			100M	

* O: 1~3 Y: 2.5~6 GR: 5~10 ** Y: 3~7 GR: 6~14 BL: 12~24

2. MINI PACKAGE SERIES

Application

- General Purpose ^{NEW}
- Low Noise ^{NEW}
- High Voltage
- High Current
- High Current
- Low Impedance Low Noise ^{NEW}
- Audio Drive & Out
- High β
- Muting & SW
- FM RF, MIX OSC
- AM CONV. FM/AM IF
- AM FF, CONV IF
- FM/AM RF, MIX OSC

Application

- General Purpose
- High I_{Yfs1} Low Noise
- Analog SW & General Purpose ^{NEW}
- Analog SW & General Purpose ^{NEW}
- Analog SW & General Purpose ^{NEW}
- Analog SW & General Purpose ^{NEW}
- High I_{Yfs1} Low Noise
- High I_{Yfs1} Low Noise
- Analog SW & General Purpose ^{NEW}
- Analog SW & General Purpose ^{NEW}
- Analog SW & General Purpose ^{NEW}
- High I_{Yfs1} Low Noise
- AHF AMP. FM RF (Cascode Type)
- VHF AMP. FM RF