

2. MINI PACKAGE SERIES

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.)				
NPN	PNP				V _{CE} (V)	I _C (mA)	V _{CE} (V)	I _B (mA)	V _{CE} (V)	I _C (mA)	V _{CE} (V)	I _C (mA)	V _{CE} (V)	I _C (mA)	f (Hz)
2SC2458	2SA1048	50	150	200	70~700/400	6	2	0.25/0.3	100	10	10	6	0.1	1K	10
2SC2458(L)	2SA1048(L)	50	150	200	70~700/400	6	2	0.25/0.3	100	10	10	6	0.1	1K	10
2SC2459	2SA1049	120	100	200	200~700	6	2	0.3	10	1	100	6	0.1	1K	10
2SC2770	2SA1150	30	800	300	100~320**	1	100	0.5/0.7	500	20	120	5	—	—	—
2SC3267	2SA1297	20	2000	400	120~700/400	2	100	0.5	2000	100	120	2	—	—	—
2SC3378	2SA1335	120	100	200	200~700	6	2	0.3	10	1	100	6	0.1	1K	10
2SC3488	2SA1378	30	500	200	70~240	1	100	0.25	100	10	300	6	—	—	—
2SC3113		50	150	200	600~3600*	6	2	0.25	100	10	250	10	—	—	—
2SC3327		20	300	200	200~1200#	2	4	0.3	30	3	30	6	—	—	—
2SC2668		30	20	100	40~200*	6	1	—	—	—	550	5	1	5.0	100M
2SC2669		30	50	200	40~240	12	2	0.4	10	1	(100)	10	—	—	—
2SC2670		30	100	200	40~240	12	2	0.4	10	1	(80)	10	2	3.5	10
2SC2696		30	50	200	40~240	6	1	—	—	—	350	6	1	(4.0)	6

Application

General Purpose use

Low Noise

High Voltage

High Current

High Current

Low Impedance Low Noise

Low Impedance Load

Audio 1
Unit 1

High β
Mixing & SW

MC & GUTHRIE

FM RF, MIX OSC

AM CONV. FM/AM

AM FF, CONV IF

FM/AM RF, MIX OSC

► JUNCTION FET ►

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

Application

General Purpose

High $|Y_{fs}|$ Low Noise

Analog SW & General Purpose

Attalog SW & General Purpose (

Analog SW & General Purpose

Analog SW & General Purpose

Analog SW & General Purpose

High IYfsl Low Noise

High IYfsl Low Noise

Analog SW & General Purpose

Analog SW & General Purpose

Analog SW & General Purpose

High 1Yfsl Low Noise

THE AMP EM BE (Cascade Type)

AMF. FM KF (Cascode type)
AMF. FM KF
AMF. FM KF

VHF AMP. FM RF

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