

9097250 TOSHIBA (DISCRETE/OPTO)

67C 09141 D T-27-01

≧ MOS FET ≧

Type No.	V <sub>DS</sub> (V)		I <sub>D</sub> (mA)	P <sub>D</sub> (mW)	I <sub>DSS</sub>		I <sub>Yfs1</sub> TYP.		C <sub>rss</sub> MAX.			NF MAX.				
	N-Channel	P-Channel			V <sub>DS</sub>	V <sub>GS</sub>	V <sub>DS</sub>	V <sub>GS</sub>	V <sub>DS</sub>	f	V <sub>DS</sub>	f	R <sub>S</sub>			
2SK241			30	200	1.5~14	0	10	10	10	0.05	10	1	3.0	10	100M	-

O : 1.5~3.5 Y : 3~7 GR : 6~14

3. μ-X PACKAGE SERIES

≧ GaAs MES FET ≧

Type No.	V <sub>DS</sub> (V)	I <sub>D</sub> (mA)	P <sub>D</sub> (mW)	I <sub>DSS</sub>		I <sub>Yfs1</sub> (1KHz) TYP.				NF TYP.		
				V <sub>DS</sub>	V <sub>GS</sub>	V <sub>DS</sub>	I <sub>D</sub>	V <sub>GS</sub>	V <sub>DS</sub>	F		
3SK121	10	50	200	20~45	0/0	17	5	10	0	1.5	5	800

Y : 20~35 GR : 30~45

≧ TRANSISTOR ≧

Type No.	V <sub>CEO</sub> (V)	I <sub>C</sub> (mA)	P <sub>C</sub> (mW)	h <sub>FE</sub>			f <sub>T</sub> TYP. (MIN.)			NF MAX. (TYP.)		
				V <sub>CE</sub>	I <sub>C</sub>	V <sub>CE</sub>	I <sub>C</sub>	V <sub>CE</sub>	I <sub>C</sub>	V <sub>CC</sub>	V <sub>AGC</sub>	f
2SC2804	20	20	200	10	2	10	2	900	10	2	3	800
2SC2805	15	50	200	3	8	10	8	1500	10	8	-	-
2SC2806	15	50	200	3	8	10	8	1600	10	8	-	-
2SC2876	7.5	80	200	3	50	5	30	7000	5	30	(2.3)	1000
2SC3137	15	50	200	10	5	10	2	2400	10	2	(8)	800
2SC3172	20	50	200	10	5	10	5	1400	10	5	(3.8)	200
2SC3302	12	70	200	10	20	5000	10	20	10	20	(1.7)	1000
2SC3548	15	30	200	10	5	4000	10	4000	10	10	(2.0)	1000
2SC3602	20	20	200	10	2	1100	10	2	12	3	(3.3)	800
2SC3608	12	80	200	10	20	7000	10	20	10	5	(1.1)	1000

≧ MOS FET ≧

Type No.	V <sub>DS</sub> (V)	I <sub>D</sub> (mA)	P <sub>D</sub> (mW)	I <sub>DSS</sub>		I <sub>Yfs1</sub> (1KHz) TYP.			NF MAX. (TYP.)			
				V <sub>DS</sub>	V <sub>GS</sub>	V <sub>DS</sub>	I <sub>D</sub>	V <sub>GS</sub>	V <sub>DS</sub>	f		
3SK101	20	30	200	3~24*	0/4	20	15	10	4	3.2	15	200
3SK102	20	30	200	3~24*	0/4	8 MIN.	15	10	4	5.0	15	800
3SK114	15	30	200	0~6**	0/3	20	6	10	3	(1.4)	6	200
3SK115	15	30	200	0~6**	0/3	17	6	10	3	(3.2)	6	800
3SK145	13.5	30	200	0~6**	0/3	16	6	10	3	(2.6)	6	800

\* Y : 3~7 GR : 6~14 BL : 12~24 \*\* O : 0~2 Y : 1~6

Application

VHF Amp FM RF (Cascode Type)

Application

UHF RF

Application

UHF RF Amp

UHF OSC. VHF MIX

VHF OSC.

VHF~C Band Low Noise Amp

UHF MIX OSC

VHF MIX

VHF/UHF Low Noise Amp

UHF OSC (NEW)

UHF RF (NEW)

VHF/UHF Low Noise Amp (NEW)

Application

VHF RF Amp

UHF RF Amp

VHF RF Amp

UHF RF Amp

UHF RF Amp (NEW)