

9097250 TOSHIBA (DISCRETE/OPTO)

67C 09141 D T-27-01

≧ MOS FET ≦

Type No.	VDS (V)		ID (mA)	PD (mW)		I _{Yfs1} TYP.		C _{rss} MAX.		NF MAX.							
	N-Channel	P-Channel		VDS	VGS	VDS	VGS	VDS	f	VDS	ID	f	RS				
2SK241			20	30	200	1.5~14	0	10	10	0.05	10	1	3.0	10	—	100M	—

Application

VHF Amp FM RF
(Cascode Type)

3. μ-X PACKAGE SERIES

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

≧ GaAs MES FET ≦

Type No.	VDS (V)	ID (mA)	PD (mW)	I _{Yfs1} (1KHz) TYP.		NF TYP.					
				VDS	ID	VGS	F				
3SK121	10	50	200	20~45	5	10	0	1.5	5	5	800

Application

UHF RF

≧ TRANSISTOR ≦

Type No.	V _{CEO} (V)	I _C (mA)	P _C (mW)	h _{FE}		f _T TYP. (MIN.)		NF MAX. (TYP.)			
				V _{CE} (V)	I _C (mA)	V _{CE} (V)	I _C (mA)	V _{CC} (V)	V _{AGC} (V)	f (MHz)	
2SC2804	20	20	200	25 MIN.	2	900	10	2	12	3	800
2SC2805	15	50	200	20 MIN.	8	1500	10	8	—	—	—
2SC2806	15	50	200	20 MIN.	8	(600)	10	8	—	—	—
2SC2876	7.5	80	200	30~200	50	7000	5	30	5	—	1000
2SC3137	15	50	200	40~200	10	2400	10	2	10	—	800
2SC3172	20	50	200	40~300	10	1400	10	5	12	—	200
2SC3302	12	70	200	25 MIN.	10	5000	10	20	10	—	1000
2SC3548	15	30	200	30~200	10	4000	10	10	10	—	1000
2SC3602	20	20	200	25 MIN.	10	1100	10	2	12	3	800
2SC3608	12	80	200	30~200	10	7000	10	20	10	—	1000

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)

≧ MOS FET ≦

Type No.	VDS (V)	ID (mA)	PD (mW)	I _{Yfs1} (1KHz) TYP.		NF MAX. (TYP.)				
				VDS	ID	VDS	f			
3SK101	20	30	200	3~24*	15	10	4	3.2	15	200
3SK102	20	30	200	3~24*	15	10	4	5.0	15	800
3SK114	15	30	200	0~6**	6	10	3	(1.4)	6	200
3SK115	15	30	200	0~6**	6	10	3	(3.2)	6	800
3SK145	13.5	30	200	0~6**	6	10	3	(2.6)	6	800

Application

VHF RF Amp
UHF RF Amp
VHF RF Amp
UHF RF Amp
UHF RF Amp (NEW)

