

9097250 TOSHIBA (DISCRETE/OPTO)

67C 09141 D T-27-01

» MOS FET «

Type No.	V _{DS} (V)		I _{DSS} (mA)		I _{Yfs1} TYP. (mS)		C _{rss} MAX. (pF)		NF MAX.						
	N-Channel	P-Channel	V _{DS}	V _{GS}	V _{DS}	V _{GS}	V _{DS}	f	V _{DS}	I _D	R _s				
2SK241			20	0	1.5~14	10	10	0.05	10	1	3.0	10	—	100M	—

Application

VHF Amp FM RF
(Cascode Type)

3. μ-X PACKAGE SERIES

» GaAs MES FET «

Type No.	V _{DS} (V)		I _{DSS} (mA)		I _{Yfs1} (1KHz) TYP. (mS)		NF TYP. (dB)		NF MAX. (MHz)					
	N-Channel	P-Channel	V _{DS}	V _{GS}	V _{DS}	I _D	V _{DS}	F	V _{DS}	F				
3SK121			10	0/0	20~45	5	17	5	10	0	1.5	5	800	800

Application

UHF RF

» TRANSISTOR «

Type No.	V _{CEO} (V)		I _C (mA)		P _C (mW)		h _{FE}		f _T TYP. (MIN.) (MHz)		NF MAX. (TYP.) (dB)		NF MAX. (MHz)		
	NPN	PNP	V _{CE}	I _C	V _{CE}	I _C	V _{CE}	I _C	V _{CE}	I _C	V _{CE}	V _{AGC}	f	V _{CE}	f
2SC2804			20	20	200	200	10	2	900	10	2	12	3	800	800
2SC2805			15	50	200	200	3	8	1500	10	8	—	—	—	—
2SC2806			15	50	200	200	3	8	(600)	10	8	—	—	—	—
2SC2876			7.5	80	200	200	3	50	7000	5	30	5	—	1000	1000
2SC3137			15	50	200	200	10	5	2400	10	2	10	—	800	800
2SC3172			20	50	200	200	10	5	1400	10	5	12	—	200	200
2SC3302			12	70	200	200	10	20	5000	10	20	10	—	1000	1000
2SC3548			15	30	200	200	10	5	4000	10	10	10	—	1000	1000
2SC3602			20	20	200	200	10	2	1100	10	2	12	3	800	800
2SC3608			12	80	200	200	10	20	7000	10	20	10	5	1000	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.	V _{DS} (V)		I _{DSS} (mA)		I _{Yfs1} (1KHz) TYP. (mS)		NF TYP. (dB)		NF MAX. (TYP.) (MHz)			
	N-Channel	P-Channel	V _{DS}	V _{GS}	V _{DS}	I _D	V _{DS}	f	V _{DS}	f		
3SK101			20	0/4	3~24*	15	10	4	3.2	15	200	200
3SK102			20	0/4	3~24*	15	10	4	5.0	15	800	800
3SK114			15	0/3	0~6**	6	10	3	(1.4)	6	200	200
3SK115			15	0/3	0~6**	6	10	3	(3.2)	6	800	800
3SK145			13.5	0/3	0~6**	6	10	3	(2.6)	6	800	800

Application

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

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

Y: 20~35 GR: 30~45

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