

9097250 TOSHIBA (DISCRETE/OPTO)

67C 09141

D T-27-01

» MOS FET «

Type No.		VDS (V)	ID (mA)	PD (mW)	IDSS			IYfsI TYP.			Crss MAX.			NF MAX.			
					VDS (V)	IGS (V)	IGS (V)	VDS (V)	IGS (V)	VDS (V)	f (MHz)	VDS (V)	f (MHz)	ID (mA)	f (Hz)	RS (Ω)	
N-Channel	P-channel				(mA)	(V)	(V)	(mS)	(V)	(V)	(pF)	(V)	(MHz)	(dB)	(mA)	(Hz)	(Ω)
2SK241		20	30	200	1.5~14	10	0	10	10	10	0.05	10	1	3.0	—	100M	—

Application

VHF Amp FM RF
(Cascode Type)3. μ -X PACKAGE SERIES

» GaAs MES FET «

Type No.	IDSS		PD	VDS	ID	VDS	IYfsI (1KHz) TYP.		NF TYP.	
	N-Channel	P-Channel	(mW)	(V)	(mA)	(V)	VDS	VG2S	VDS	F
3SK121			20~45	5	50	10	(mS)	(V)	(dB)	(MHz)

Application

UHF RF

» TRANSISTOR «

Type No.	hFE		PC	VCEO	IC	VCE	fT TYP. (MIN.)		NF MAX. (TYP.)	
	NPN	PNP	(mW)	(V)	(mA)	(V)	VCE	IC	VCC	VAGC
2SC2804			200	20	20	10	900	2	12	3
2SC2805			200	15	50	3	1500	8	—	—
2SC2806			200	15	50	3	(600)	8	—	—
2SC2876			200	7.5	80	3	7000	5	5	—
2SC3137			200	15	50	10	2400	2	10	—
2SC3172			200	20	50	10	1400	5	12	—
2SC3302			200	12	70	10	5000	20	10	—
2SC3548			200	15	30	10	4000	10	10	—
2SC3602			200	20	20	10	1100	2	12	3
2SC3608			200	12	80	10	7000	20	10	5

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.	IDSS		PD	VDS	ID	VDS	IYfsI (1KHz) TYP.		NF MAX. (TYP.)	
	N-Channel	P-Channel	(mW)	(V)	(mA)	(V)	VDS	VG2S	VDD	f
3SK101			200	20	30	20	15	4	15	200
3SK102			200	20	30	20	8 MIN.	4	15	800
3SK114			200	15	30	20	6	3	6	200
3SK115			200	15	30	20	17	3	6	800
3SK145			200	13.5	30	20	16	3	6	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

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