

9097250 TOSHIBA (DISCRETE/OPTO)

67C 09141

D T-27-01

» MOS FET «

Type No.	IDSS		PD	VDS	ID	VDS	IYfsI TYP.		Crss MAX.		NF MAX.			
	N-Channel	P-Channel	(mW)	(V)	(mA)	(V)	VGS (V)	VDS (V)	VGS (V)	(pF)	VDS (V)	f (MHz)	ID (mA)	Rs (Ω)
2SK241			200	10	1.5~14	10	0	10	10	0.05	10	1	—	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.	IDSS		PD	VDS	ID	VDS	IYfsI (1KHz) TYP.		NF TYP.	
	N-Channel	P-Channel	(mW)	(V)	(mA)	(V)	VGS/G2S (V)	VDS (V)	ID (mA)	VDS (V)
3SK121			200	5	20~45	5	0/0	17	5	10

Application

UHF RF

» TRANSISTOR «

Type No.	NPN	PNP	VCEO	IC	PC	hFE		fT TYP. (MIN.)		NF MAX. (TYP.)			
			(V)	(mA)	(mW)	VCE (V)	IC (mA)	(MHz)	VCE (V)	IC (mA)	(dB)	VCC (V)	VAGC (V)
2SC2804			20	20	200	25 MIN.	2	900	10	2	(3.5)	12	3
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	(2.3)	5	—
2SC3137			15	50	200	40~200	5	2400	10	2	(8)	10	—
2SC3172			20	50	200	40~300	5	1400	10	5	(3.8)	12	—
2SC3302			12	70	200	25 MIN.	20	5000	10	20	(1.7)	10	—
2SC3548			15	30	200	30~200	5	4000	10	10	(2.0)	10	—
2SC3602			20	20	200	25 MIN.	2	1100	10	2	(3.3)	12	3
2SC3608			12	80	200	30~200	20	7000	10	20	(1.1)	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.	N-Channel	P-Channel	VDS	ID	PD	IDSS		IYfsI (1KHz) TYP.		NF MAX. (TYP.)			
			(V)	(mA)	(mW)	VDS (V)	VGS/G2S (V)	(mS)	VDS (V)	ID (mA)	(dB)	VDD (V)	f (MHz)
3SK101			20	30	200	3~24*	0/4	20	15	10	4	15	200
3SK102			20	30	200	3~24*	0/4	8 MIN.	15	10	4	15	800
3SK114			15	30	200	0~6**	0/3	20	6	10	3	6	200
3SK115			15	30	200	0~6**	0/3	17	6	10	3	6	800
3SK145			13.5	30	200	0~6**	0/3	16	6	10	3	6	800

Application

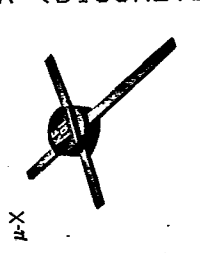
VHF RF Amp

UHF RF Amp

VHF RF Amp

UHF RF Amp

UHF RF Amp (NEW)



Y: 1~6

BL: 12~24

GR: 6~14

* Y: 3~7

** O: 0~2

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