

4. HSTM PACKAGE SERIES

» MOS FET «

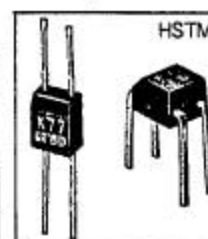
Application

VHF Amp, FM RF MIX

VHF RF Amp, VHF TV

Type No.		V _{DS} (V)	I _D (mA)	P _D (mW)	I _{DSS}			I _{Yfs} TYP.				NF MAX.		
N-Channel	P-Channel				I _{DSS} (mA)	V _{DS} (V)	V _{G1S/G2S} (V)	V _{DS} (V)	I _D (mA)	V _{G2S} (V)	(mS)	V _{DD} (V)	f (Hz)	
3SK73		20	30	300	3~14	15	0/4	20	15	10	4	3.5	15	100M
3SK77		20	30	300	3~24	15	0/4	20	15	10	4	3.2	15	200M

Y: 3~7 GR: 6~14 BL: 12~24



5. DUAL TRANSISTOR/FET SERIES

» JUNCTION FET «

Application

High |yfs| Low Noise

High |yfs| Low Noise

High |yfs| Low Noise

High |yfs| Low Noise

1 Chip High |Yfs| Low Noise

1 Chip High |Yfs| Low Noise

Type No.		V _{GDS} (V)	I _G (mA)	P _D (mW)	I _{DSS}			I _{Yfs} TYP.				C _{rss} TYP.			NF MAX.			
N-Channel	P-Channel				I _{DSS} (mA)	V _{DS} (V)	V _{GS} (V)	V _{DS} (V)	I _D (mA)	V _{GS} (V)	(mS)	V _{GD} (V)	f (MHz)	(pF)	V _{DS} (V)	I _D (mA)	f (Hz)	R _g (Ω)
2SK240		-40	90	400x2	2.6~20	10	0	22	10	0	6	-10	1	2	10	1	1K	1K
	2SJ75	25	-10	400x2	-2.6~-20	-10	0	22	-10	0	32	10	1	2	-10	-1	1K	1K

GR: 2.6~6.5 BL: 6~12 V: 10~20

2SK146		-40	10	600x2	5~30	10	0	40	10	0	15	-10	1	10	1010	5 5	100	100
	2SJ73	25	-10	600x2	5~30	-10	0	40	-10	0	55	10	1	10	-10	-5	100	100

GR: 5~10 BL: 8~16 V: 14~30

2SK389		-50	10	200x2	2.6~20	10	0	20	10	0	5.5	-10	1	2	10	1	1K	1K
	2SJ109	30	-10	200x2	-2.6~-20	-10	0	22	-10	0	29	10	1	2	-10	-1	1K	1K

» TRANSISTOR «

GR: 2.6~6.5 BL: 6~14 V: 10~20

Application

1 Chip Low Noise Dual Type

(NEW)

Type No.		V _{CEO} (V)	I _C (mA)	P _C (mA)		h _{FE}		V _{CE(sat)} MAX.			f _T TYP. (MIN.)			NF MAX. (TYP.)				
						V _{CE} (V)	I _C (mA)	(V)	I _C (mA)	I _B (mA)	(MHz)	V _{CE} (V)	I _C (mA)	(dB)	V _{CE} (V)	I _C (mA)	f (Hz)	R _g (kΩ)
NPN	PNP																	
2SC3381	2SA1349	80	100	200x2	200~700	6	2	0.3	10/5	1/0.5	80	10	1	3	6	0.1	1K	10

6. YSTM, SML PACKAGE SERIES

» JUNCTION FET «

Application

Condenser Microphone

Condenser Microphone

Condenser Microphone

(NEW)

(NEW)

Type No.		V _{GDO} [*] (V)	I _G (mA)	P _D (mW)	I _{DSS} (I _D)			I _{Yfs} TYP* (MIN.)				V _N MAX. (mV)
N-Channel	P-Channel				I _{DSS} (μA)	V _{DS} (V)	V _{GS} (V)	V _{DS} (V)	I _D (mA)	V _{GS} (V)	(mS)	
2SK266		-15	10	100	600 MAX.	6	0	1.5	6	0	40	40
2SK455		-20	10	100	60~500	5	0	2.0	5	0	40	40
2SK456		-20	10	100	60~500	5	0	2.0	5	0	40	40

