

1. HIGH FREQUENCY APPLICATIONS

USE	TYPE	MAXIMUM RATINGS						ELECTRICAL CHARACTERISTICS (T _a = 25°C)										PACKAGE			
		V _{GD0}	I _G	P _D	T _J	I _{GSS}		I _{DSS}		f _m		Gps		NF		T _{VP} (MAX)					
		(V)	(mA)	(mW)	(°C)	V _{GS}	V _{DS}	V _{GS}	V _{DS}	(mT)	(V)	(V)	(MHz)	(dB)	V _{DD}	f	V _{DD}		f		
FM-TUNER VHF AMP MIX OSC	KTK 19 TM	-18	10	200	125	-10	0	3-24	0	10	7	10	1	20	10	100	10	100	10	100	TO-92
		-18	10	200	125	-10	-0.5	0	1-10	0	10	9	1	18	10	100	10	100	10	100	TO-92
FM-TUNER	3SK73	V _{DS}	I _D	300	125°C	±50	0	3-14	V _{GS1S=0} V _{GS2S=4}	15	20	15	1	25	15	100	15	100	15	100	2-4D2A
		20V	30mA	300	125°C	±50	0	3-24	V _{GS1S=0} V _{GS2S=4}	15	20	15	1	20	15	200	15	200	15	200	2-4D1B
VHF-TUNER	3SK77	20V	30mA	300	125°C	±50	0	3-24	V _{GS1S=0} V _{GS2S=4}	15	20	15	1	20	15	200	15	200	15	200	2-4D1B

2. LOW FREQUENCY APPLICATIONS

USE	TYPE	MAXIMUM RATINGS						ELECTRICAL CHARACTERISTICS (T _a = 25°C)										PACKAGE	
		V _{GD0}	I _G	P _D	T _J	I _{GSS}		I _{DSS}		f _m		NF		T _{VP} (MAX)					
		(V)	(mA)	(mW)	(°C)	V _{GS}	V _{DS}	V _{GS}	V _{DS}	(mT)	(V)	(V)	(kHz)	(dB)	V _{DS}	V _{GS}	R _θ		f
GENERAL LOW-NOISE AMPLIFIER CONDENSER MIC AMP	KTK 30A	-50	10	100	125	-1	-30	0	0.3-6.5	0	10	10	0	1	5	0	100	120	TO-92
	KTK 117	-50	10	300	125	-1	-30	0	0.6-14	0	10	15	0	1	5	0	100	120	TO-92
	KTK 118	-50	10	100	125	-1	-30	0	0.3-1.4	0	10	10	0	1	5	0	100	120	2-4E1B
	KTK 146	-40	10	600x2	125	-1	-30	0	5-30	0	10	40	0	1	2	0	0.1	1KHz	2-6E1A
LOW-NOISE AMPLIFIER	KTJ 73	25	-10	600x2	125	1	25	0	-5--30	0	-10	40	0	1	2	0	0.1	1KHz	2-6E1B
	KTK 147	-40	10	600	125	-1	-30	0	5-30	0	10	40	0	1	2	0	0.1	1KHz	2-6E1B
EQ. DIFFERENTIAL AMPLIFIER	KTJ 72	25	-10	600	125	1	25	0	-5--30	0	-10	40	0	1	2	0	0.1	1KHz	TO-92L
	KTK 170	-40	10	400	125	-1	-30	0	1-20	0	10	22	0	1	2	0	0.1	1KHz	TO-92L
MAIN DIFFERENTIAL AMPLIFIER	KTJ 74	25	-10	400	125	1	25	0	1-20	0	-10	22	0	1	2	0	0.1	1KHz	TO-92
	KTK 240	-40	10	400x2	125	-1	-30	0	2.6-20	0	10	22	0	1	2	0	0.1	1KHz	2-6E1A
	KTJ 75	25	-10	400x2	125	1	25	0	-2.6-20	0	-10	22	0	1	2	0	0.1	1KHz	2-6E1B
KTK 150	-50	10	200	125	-1	-30	0	1-14	0	10	12	0	1	10	0	0.1	1KHz	2-18A1A	