

1.7 JUNCTION FETS

1.7.1 SOT-23 Type J-FET.

DEVICE	V _{GS0} (V)	I _G (mA)	P _D (mW)	I _{DSS} (mA)			g _m (mS)			Condition			V _{GS(OFF)} (V)	
				MIN	MAX	V _{DS} (V)	MIN	TYP	V _{DS} (V)	V _{DS} (V)	I _D (μA)	MIN	MAX	
KSK211	18	10	200	1	10	10		9	10	10	10	1	0.4	4

1.7.2 TO-92S Type J-FET

DEVICE	V _{GS0} (V)	I _G (mA)	P _D (mW)	I _{DSS} (mA)			g _m (mS)			Condition			V _{GS(OFF)} (V)	
				MIN	MAX	V _{DS} (V)	MIN	TYP	V _{DS} (V)	V _{DS} (V)	I _D (μA)	MIN	MAX	
KSK161	18	10	200	1	10	10		9	10	10	10	1	0.4	4
KSK596	20	10	100	0.1	0.8	5				5	1			1.5

1.7.3 TO-92 Type J-FET

DEVICE	V _{GS0} (V)	I _G (mA)	P _D (mW)	I _{DSS} (mA)			g _m (mS)			Condition			V _{GS(OFF)} (V)	
				MIN	MAX	V _{DS} (V)	MIN	TYP	V _{DS} (V)	V _{DS} (V)	I _D (μA)	MIN	MAX	
KSK30	50	10	100	0.3	6.5	10	1.2		10	10	10	0.1	0.4	5
KSK117	50	10	300	0.6	14	10	4	15	10	10	10	0.1	0.2	1.5

1.7.4 SOT-143 Type MOS FET (Dual Gate)

DEVICE	V _{DS} (V)	I _D (mA)	P _D (mW)	I _{DSS} (mA)			g _m (mS)		C _{is} (pF)		C _{rs} (pF)		NF(dB)(200MHz)	
				MIN	MAX	V _{DS} (V)	MIN	TYP	TYP	MAX	TYP	MAX	TYP	MAX
KSK5043	15	30	150	0	6	6	13	20	4.25	5.5	0.03	0.05	1.4	2.8