

(2) DIFFERENTIAL AMPLIFIER APPLICATIONS

Type No.	V _{GDS} (V)	I _G (mA)	P _D (mW)	T _J (°C)	I _{DSS} *		Y _{fsi}		ΔV _{GS} [V _{GS1} - V _{GS2}]			Δ[V _{GS1} -V _{GS2}] ΔT _a			PACKAGE
					(mA)	V _{DS} (V)	(ms)	V _{DS} (V)	V _{GS} (V)	V _{DS} (V)	I _D (mA)	(Note) (μV/°C)	V _{DS} (V)	I _D (mA)	
N-Channel															
2SK18	-40	10	200	150	0.45~2.8	10	0.8~3.0	10	0	10MAX.	10	0.2	100MAX.	10	(2-9C1A)
2SK18A	-40	10	200	150	0.45~2.8	10	0.8~3.0	10	0	10MAX.	10	0.2	20MAX.	10	(2-9C1A)
2SK72	-20	10	200	150	0.60~6.5	10	1.5~6.5	10	0	10MAX.	10	0.2	30TYP.	10	(2-9C1A)

* I_{DSS} Classified (Note) Δ[V_{GS1}-V_{GS2}] Guaranteed T_a=0~60°C

ΔT_a

** Matched Pairs are Available: ΔI_{DSS} < 10%, ΔV_{GS} < 20mV

(3) OTHER APPLICATIONS

Type No.	V _{GDS} (V)	I _G (mA)	P _D (mW)	T _J (°C)	I _{DSS}		Main Electrical Characteristics			PACKAGE
					(mA)	V _{DS} (V)	NF=5dB MAX. @V _{DS} =10V, I _D =450μA, R _g =100KΩ, f=120Hz	GPS=17dB MIN. @V _{DD} =10V V _{GS} =0 f=100MHz		
N-Channel										
2SK48	-20	10	100	150	0.3~3.0	10				TO-17
3SK28	-10	10	200	150	3.7~22*	10				TO-72

Application

Medical Electronic Equipment
Video Pre-Amplifier
VHF Band Amplifier

* Y : 3.7~7.5 GR : 6.5~13.0 BL : 11.0~22.0

