

(2) DIFFERENTIAL AMPLIFIER APPLICATIONS

Type No.	V _{GDS} (V)	I _G (mA)	P _D (mW)	T _j (°C)	I _{DSS} * (mA)	Y _{fsi}		ΔV _{GS} [V _{GS1} - V _{GS2}]		Δ[V _{GS1} - V _{GS2}] ΔT _a		PACKAGE	
						V _{DS} (V)	V _{GS} (V)	(ms)	V _{DS} (V)	I _D (mA)	(Note) (μV/°C)		V _{DS} (V)
N-Channel													
2SK18	-40	10	200	150	0.45~2.8	10	0.8~3.0	10	0	10MAX.	10	0.2	(2-9C1A)
2SK18A	-40	10	200	150	0.45~2.8	10	0.8~3.0	10	0	10MAX.	10	0.2	(2-9C1A)
2SK72	-20	10	200	150	0.60~6.5	10	1.5~6.5	10	0	10MAX.	10	0.2	(2-9C1B)

* IDSS Classified (Note) $\frac{\Delta[V_{GS1} - V_{GS2}]}{\Delta T_a}$ Guaranteed T_a = 0~60°C

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

DUAL TYPE

Similar to 2SK15

Similar to 2SK15

Similar to 2SK48

(3) OTHER APPLICATIONS

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

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

Application

Medical Electronic Equipment

Video Pre-Amplifier

VHF Band Amplifier

