

(2) DIFFERENTIAL AMPLIFIER APPLICATIONS

Type No.	VGDS (V)	IG (mA)	PD (mW)	Tj (°C)	IDSS* (mA)	Yfs		ΔVGS=[VGS1 - VGS2]		Δ[VGS1-VGS2] ΔTa		PACKAGE
						VDS (V)	VGS (V)	(ms)	(mV)	(Note) (μV/°C)	VDS (V)	
N-Channel												
2SK18	-40	10	200	150	0.45~2.8	10	0.8~3.0	10	10MAX.	10	0.2	(2-9C1A)
2SK18A	-40	10	200	150	0.45~2.8	10	0.8~3.0	10	10MAX.	10	0.2	(2-9C1A)
2SK72	-20	10	200	150	0.60~6.5	10	1.5~6.5	10	10MAX.	10	0.2	(2-9C1B)

* IDSS Classified (Note) $\frac{\Delta[VGS1-VGS2]}{\Delta Ta}$ Guaranteed Ta=0~60°C

** Matched Pairs are Available: ΔIDSS < 10%, ΔVGS < 20mV

DUAL TYPE

Similar to 2SK15

Similar to 2SK15

Similar to 2SK48

(3) OTHER APPLICATIONS

Application

Medical Electronic Equipment

Video Pre-Amplifier

VHF Band Amplifier

Type No.	VGDS (V)	IG (mA)	PD (mW)	Tj (°C)	IDSS (mA)	VDS (V)	Main Electrical Characteristics		PACKAGE
							Yfs	GR	
N-Channel									
2SK48	-20	10	100	150	0.3~3.0	10	NF=5dB MAX. @VDS=10V, ID=450μA, Rg=100kΩ, f=120Hz		TO-17
3SK28	-10	10	200	150	3.7~22*	10	GPS=17dB MIN. @VDD=10V VG2S=0 f=100MHz		TO-72

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

