

8. INDUSTRIAL APPLICATIONS FETS

(1) CHOPPER SWITCHING APPLICATIONS

» JUNCTION FET «

Type No.	V _{GSDS} (V)	I _G (mA)	P _D (mW)	T _j (°C)	I _{DSS} *		Main Electrical Characteristics		PACKAGE
					(mA)	V _{DS} (V)	V _{GS}	V _{DS}	
N-Channel									
2SK11	-20	10	100	150	0.3~6.5	10	@V _{DS} =10V, V _{GS} =0, f=1KHz		TO-17
2SK12	-20	10	100	150	0.45~5.0	10	@V _{DS} =10V, V _{GS} =0, f=1KHz		TO-17
2SK15	-20	10	100	150	0.45~5.0	10	NF=3dBMAX. @V _{DS} =10V, I _D =0.45mA, R _g =10kΩ, f=1KHz		TO-17
2SK112	-50	10	250	150	1.2~9.0	15	NF=2dBMAX. @V _{DS} =15V, I _D =1mA, R _g =1KΩ, f=1KHz		TO-18
2SK113-R	-50	10	250	150	(Note) 5~30	20	RON=100ΩMAX. @V _{GS} =0, I _D =1mA		TO-18
2SK113-O	-50	10	250	150	(Note) 25~75	20	RON=60ΩMAX. @V _{GS} =0, I _D =1mA		TO-18
2SK113-Y	-50	10	150	150	(Note) 50~150	20	RON=30ΩMAX. @V _{GS} =0, I _D =1mA		TO-18

* I_{DSS} Classified. (Note) Pulsed

Application

- General Purpose
- Low Noise
- Low Noise
- High 1Yfsl Low Noise
- Controlled Resistor
- Switching, Chopper
- Analog Switch, Chopper

» MOS FET «

Type No.	V _{DSS} (V)	V _{G2SS} (V)	V _{G2SS} (V)	I _D (mA)	P _D (mW)	T _{ch} (°C)	R _{ON} (Ω)	CG			PACKAGE		
								V _{G1S} (V)	V _{G2S} (V)	V _{DS} (mV)		CG1D (PF)	CG1S (PS)
N-CHANNEL													
3SK38A	20	±12	-20	10	200	125	500 MAX.	3	0	10	2.5 MAX	2.5 MAX	(2-8E1A)

(Lead: Cu)

Application

- Switching choppen

