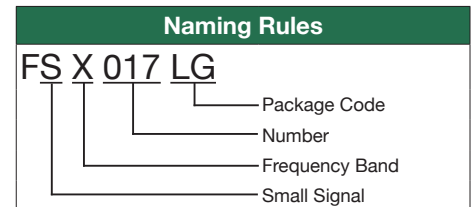


Small Signal GaAs FETs

FSU/FSX series are GaAs FETs that are designed for medium output power amplifier and oscillator applications with a wide dynamic range up to X-band frequencies. Tape and reel is available for both LP/LG packages.

Features

- Medium Power: P1dB = 15 to 24.5dBm
- High Gain: G1dB = 8 to 19dB
- High Reliability
- Hermetic Metal/Ceramic Packages (WF/LG)



Specifications

Part Number	P1dB Typ. (dBm)	G1dB Typ. (dB)	Measurement Conditions 1			Noise figure NF Typ. (dB)	Associated gain Gas Typ. (dB)	Measurement Conditions 2			Outline/ Package Code	Feature/ Application
			Frequency f (GHz)	Drain Voltage VDS (V)	Drain Current IDS (mA)			Frequency f (GHz)	Drain Voltage VDS (V)	Drain Current IDS (mA)		
FSU01LG	20	19	2	6	40	0.5	18.5	2	3	10	LG *	Medium Power
FSU02LG	23	17	2	6	80	1.5	17.5	2	3	20	LG *	
FSX027WF	24.5	10	8	8	77	2.5	9.5	8	3	30	WF	
FSX017WF	21.5	11	8	8	39	2.5	10.5	8	3	10	WF	
FSX017LG	16	8	12	4	30	-	-	-	-	-	LG *	

*: FSU01LG, FSU02LG, FSX017LG are all in LG-pkg with short lead.
Note: Tc (op) = +25°C

Package Photo

