

TFS22

Features

- Frequency Range 200MHz~15GHz
- Low Phase Noise
- Compact size:100*80*13

Frequency Range (MHz)		200~15000			
Frequency Resolution (Hz)		1			
Frequency Switching Time (us)		≤100			
Power (dBm)		-3			
Power Stability (dB)		±3			
Frequency Stability		Same as reference			
Frequency Accuracy		Same as reference			
Non-Harmonic Spurious (dBc)		≤-75/-70(typ (max.))			
Harmonics (dBc)		≤-7			
Phase Noise dBc/Hz	dBc/Hz@100Hz	@0.1GHz	-123/-119	@0.5GHz	-109/-105
	dBc/Hz@1kHz		-143/-139		-140/-136
	dBc/Hz@10kHz		-145/-141		-144/-139
	dBc/Hz@100kHz		-145/-141		-145/-140
	dBc/Hz@1MHz		-145/-141		-145/-140
Phase Noise dBc/Hz	dBc/Hz@100Hz	@1GHz	-103/-99	@5GHz	-89/-85
	dBc/Hz@1kHz		-130/-127		-116/-113
	dBc/Hz@10kHz		-135/-131		-127/-122
	dBc/Hz@100kHz		-135/-131		-127/-122
	dBc/Hz@1MHz		-138/-133		-130/-125
Phase Noise dBc/Hz	dBc/Hz@100Hz	@10GHz	-83/-77	@15GHz	-79/73
	dBc/Hz@1kHz		-110/-107		-106/-103
	dBc/Hz@10kHz		-121/-116		-117/-112
	dBc/Hz@100kHz		-121/-116		-117/-112
	dBc/Hz@1MHz		-124/-121		-120/-117
Supply Voltage (V/A)		+12/0.9 (Warm-up)			
Connector		RF : SMA-KFD Control : Insulator			
Size (W x L x H)		≤100×80×13mm			
Control Interface		SPI			
Temperature Range (°C)		-40~+70			
Temperature Range (°C)		-55~+85			

