

* Active parts

Frequency synthesizer (FHSZ-4080)



Features

- ▶ 4~8GHz frequency sweep generator
- ▶ 1Hz resolution
- ▶ Low phase noise
- ▶ Fast switching time
- ▶ Internal & external 10MHz reference
- ▶ Multi loop PLL/DDS hybrid design
- ▶ YIG based main oscillator
- ▶ 3wire serial data interface
- ▶ 2wire trigger handshake

* Applications

- ▶ Spectrum analyzers
- ▶ Signal/sweep generators

Parameter	SPEC
Frequency	4~8GHz
Frequency Step	1Hz
Switching Speed	130usec
Frequency Stability	+/-1ppm
Phase Noise	-80dBc@1kHz -95dBc@10kHz -102dBc@100KHz
Harmonics	<-30dBc
Spurious	<-60dBc
Output Power	+13dBm
RF Connectors	SMA-F
Supply Voltage	+24Vdc, +12Vdc, +5Vdc, +3.3Vdc, -5Vdc
Operating Temperature	0~+60 degree C
Storage Temperature	-40 ~ +80 degree C
Dimension × L × H)	120 x 120 x 30mm