

PRODUCT TYPE: OCXO-2020

FEATURES

- JYEG Part Number:JYOC20
- CMOS /Sine Wave Output
- SC Cut
- Low Aging, Compact Package



TYPICAL SPECIFICATIONS

ITEM / TYPE	OCXO-2020 (JYOC20)
Frequency Range	2~100MHz
Frequency Accuracy	±0.2ppm (center control voltage)
Operating Temperature Range	-40~85°C
Frequency Stability vs. Temperature	±10ppb Max.
Output Load	CMOS 15pF typ.,Sine Wave 50Ω
Short term stability	1.0×10 ⁻¹¹ /s(10MHz)
Supply Voltage	3.3V ±5%/5.0V ±5%/12.0V ±5%
Frequency Stability vs. Voltage	±3ppb(VDD ±5%)
Frequency Stability vs. Load	±3ppb(CL ±10%)
Supply Consumption	3.2W (Max.) When warm-up;1.2W (Max.) when static
Warm-up Time	±0.2ppm,<3min
Adjustable Frequency Range	±0.7ppm
Control Voltage Range	0~VDD
Slope	Positive
Linearity	10% Max.
Phase Noise(10MHz)	-120dBc/Hz@10Hz -140dBc/Hz@100Hz -145dBc/Hz@1kHz -150dBc/Hz@10kHz
Aging	±1ppb/day,first year ±100ppb,10years ±0.5ppm
Storage Temperature Range	-40~125°C

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