

Surface Mount VCXO

• Various stability options

Series **CC127**



Part Numbering Example: **CC127 L Z - A2 B2 45 - 22.5792 A P**

CC127	L	Z	A2	B2	45	22.5792	A	P
SERIES	VOLTAGE	PACKAGING OPTIONS	OPERATING TEMP.	STABILITY	SYMMETRY	FREQUENCY	PULL RANGE	LINEARITY
CC127	Blank = 5V L = 3.3V	Blank = Bulk Z = Tape and Reel	A2 = -10°C ~ +60°C A5 = -20°C ~ +70°C A6 = 0°C ~ +70°C A7 = -40°C ~ +85°C A9 = 0°C ~ +50°C AA = -10°C ~ +70°C AF = 0°C ~ +60°C	B7 = ±30 ppm BC = ±15 ppm BD = ±20 ppm BE = ±10 ppm BP = ±50 ppm	Blank = 40/60% 45 = 45/55%		A = ±50 ppm H = ±30 ppm K = ±20 ppm L = ±10 ppm	Blank = ±20% Q = ±15% P = ±10%

Specifications:

Frequency Range:	9.600 MHz to 32.000 MHz
Available Stability Options:	±50 ppm ±30 ppm ±20 ppm ±15 ppm ±10 ppm
Output Series:	HCMOS/TTL
Input Voltage:	+5.0 VDC ±5%
Frequency Tuning Range:	±10 ppm Min. ±30 ppm Min. ±50 ppm Min. ±15 ppm Min. ±20 ppm Min.
External Control Voltage:	+2.5 VDC, ±2.0 VDC
Linearity:	±20% ±15% ±10%
Output Voltage:	TTL $V_{OL}=0.4$ V Max. TTL $V_{OH}=2.4$ V Min. HCMOS $V_{OL}=10\%V_{DD}$ V Max. HCMOS $V_{OH}=90\%V_{DD}$ V Min.
Operating Temperature	0°C to +70°C -10°C to +70°C -20°C to +70°C -40°C to +85°C
Output Load:	10 LS TTL, 15 pf HCMOS
Maximum Input Current:	80 mA
Maximum Rise/Fall Time:	10 ns
Duty Cycle:	40/60% 45/55%
Max. Start-Up Time:	10 ms
Storage Temperature:	-40°C to +85°C
Packaging:	Tape and Reel (1K per Reel)

CC127

