

Ceramic Surface Mount VCXO

- 1.8 mm max. height
- Tri-State Control

Series **CC154**



Part Numbering Example: **CC154 L Z - A6 BP 45 - 22.5792 TS B**

CC154	L	Z	A6	BP	45	22.5792	TS	B
SERIES	VOLTAGE	PACKAGING OPTIONS	OPERATING TEMP.	STABILITY	SYMMETRY	FREQUENCY	TRI-STATE	PULL RANGE
CC154	Blank = 5V L = 3.3V	Blank = Bulk Z = Tape and Reel	A6 = 0°C ~ +70°C	BP = ±50 ppm	Blank = 40/60% 45 = 45/55%	22.5792	TS = Tri-State	B = ±100 ppm N = ±80 ppm A = ±50 ppm

Specifications:

Frequency Range:	8.000 MHz to 36.000 MHz
Available Stability Options:	±50 ppm
Output Series:	HCMOS
Input Voltage:	+5.0 VDC ±5% +3.3 VDC ±5%
Frequency Tuning Range:	±100 ppm @ 5.0V ±80 ppm @ 3.3VDC ±50 ppm ±15 ppm ±20 ppm
External Control Voltage:	+2.5 VDC, ±2.0 VDC @ 5V input +1.65 VDC, ±1.35 VDC @ 3.3V input
Tristate Input:	@+5 VDC Input +0.80 VDC Max. to Disable +3.60 VDC Min. to Enable or open to Enable @3.3 VDC & 3.0 VDC Input +0.80 VDC Max. to Disable +2.20 VDC Min. to Enable or open to Enable
Output Voltage:	HCMOS $V_{OL}=10\%V_{DD}$ V Max. HCMOS $V_{OH}=90\%V_{DD}$ V Min.
Operating Temperature	0°C to +70°C
Output Load:	15 pf
Maximum Input Current:	30 mA
Maximum Rise/Fall Time:	8 ns
Duty Cycle:	40/60% 45/55%
Storage Temperature:	-40°C to +85°C
Packaging:	Tape and Reel (1K per Reel)

CC154

