

Surface Mount Clock Oscillator

- 1.7 mm height
- High frequency range
- Tight stability available

Series **CC85**



Part Numbering Example: CC85 L Z - A2 B2 45 - 83.333 TS

CC85	L	Z	A2	B2	45	83.333	TS
SERIES	VOLTAGE	ADDED FEATURES	OPERATING TEMP.	STABILITY	SYMMETRY	FREQUENCY	TRI STATE
CC85	Blank = 5V L = 3.3V	BLANK = BULK PACK Z = TAPE AND REEL	Blank = 0°C ~ +70°C A2 = -40°C ~ +85°C	Blank = ±100 ppm B2 = ± 50 ppm BR = ± 25 ppm	Blank = 40/60% 45 = 45/55%		Tri State Standard

Specifications:

Frequency Range:	8.000 MHz to 125.000 MHz
Available Stability Options:	±100 ppm <i>Standard</i> ±50 ppm ±25 ppm
Output Series:	HCMOS
Input Voltage:	+5.0 VDC ±10% <i>Standard</i> +3.3 VDC ±10%
Operating Temperature Range Options:	-10°C to +70°C <i>Standard</i> -40°C to +85°C
Output Voltage:	HCMOS $V_{OL} = 10\% V_{DD} V \text{ Max.}$ HCMOS $V_{OH} = 90\% V_{DD} V \text{ Min.}$
Output Load:	15 pf
Maximum Input Current:	65 mA @ +5.0 VDC 30 mA @ +3.3 VDC
Maximum Rise/Fall Time:	3 ns
Duty Cycle:	40/60% 45/55%
Tristate Input:	+5 VDC Input +0.80 VDC Max. to Disable +3.60 VDC Min. to Enable or Open to Enable +3.3 VDC Input +0.80 VDC Max. to Disable +2.20 VDC Min. to Enable or open to Enable
Storage Temperature:	-55°C to +125°C
Packaging:	Tape and Reel (1K per Reel)

CC85

