

# Surface Mount Clock Oscillator

- 1.42 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:

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

## CC85

