

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 Max. HCMOS V _{OH} = 90% V _{DD} V 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

