

Surface Mount Clock Oscillator

Series **CC532**

- 5.0 x 3.2 x 1.0 mm (L x W x H)
- Low power consumption
- Tight stability available
- Tristate capable



Part Numbering Example: CC532 L Z - A1 B2 45 - 33.333 TS

CC532	L	Z	A	B2	45	33.333	TS
SERIES	VOLTAGE	ADDED FEATURES	OPERATING TEMP.	STABILITY	SYMMETRY	FREQUENCY	TRI STATE
CC532	Blank = 5V L = 3.3V E = 3.0V	BLANK = BULK PACK Z = TAPE AND REEL	Blank = 0°C ~ +70°C A1 = -10°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:	8.00 MHz to 67.000 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% +3.0 VDC ±10%
Operating Temperature Range Options:	-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 Rise/Fall Time:	10 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:	-40°C to +85°C
Packaging:	Tape and Reel (1K per Reel)

CC532

