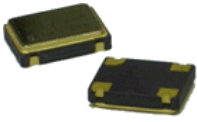





PLETRONICS

CMOS Output Oscillators

RoHS 6/6 Compliant

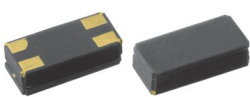
Ceramic SMD Packages

Package	Series	Features	Package Size
	SM77	0.8 MHz—180 MHz ♦ 1.8V, 2.5V, 3.3V ♦ -10°C to +70°C standard ♦ -20°C to +70°C optional ♦ -40°C to +85°C optional ♦ Low Power and High Current Output Drive options available	5 x 7 x 1.73h mm
	SM55	0.8 MHz—180 MHz ♦ 0.8V, 1.2V, 1.8V, 2.5V, 3.3V ♦ -10°C to +70°C standard ♦ -20°C to +70°C optional ♦ -40°C to +85°C optional ♦ Low Power and High Current Output Drive options available	3.2 x 5 x 1.15h mm
	SM44T	0.8 MHz—180 MHz ♦ 1.8V, 2.5V, or 3.3V ♦ -10°C to +70°C standard ♦ -20°C to +70°C optional ♦ -40°C to +85°C optional	2.5 x 3.2 x 1.05h mm
	SM33T	0.75 MHz—50 MHz ♦ 1.8V, 2.5V or 3.3V	2 x 2.5 x 1.0h mm

PART NUMBER CONFIGURATION (Please note that not all possible combinations are available)

CMOS	CMOS	CMOS
<p>SM77 45 D E V - 80.0M</p> <p>Frequency Stability: 45 = ±50 PPM, 44 = ±25 PPM, 20 = ±20 PPM</p> <p>Supply Voltage: V = 3.3 volts ± 10%, W = 2.5 volts ± 10%, X = 1.8 volts ± 5%</p> <p>Model: H: General Purpose < 70MHz, D: General Purpose >70MHz, G: Large Capacitance Load, M: Lower Power</p> <p>Standard Temperature Ranges: Blank = -10 to 70 °C, C = -20 to 70 °C, E = -40 to 85 °C</p>	<p>SM55 45 T E V 80.0M</p> <p>Frequency Stability: 45 = ±50 PPM, 44 = ±25 PPM, 20 = ±20 PPM, 10 = ±10 PPM, 05 = ± 5 PPM</p> <p>Supply Voltage: V = 3.3 volts ± 10%, W = 2.5 volts ± 10%, X = 1.8 volts ± 5%, Z = 0.8 volts to 2.0 Volts</p> <p>Model: T: General Purpose, G: Large Capacitance Load, M: Lower Power, L: Tight Stability, J: Optimized for 3rd Overtone</p> <p>Standard Temperature Ranges: Blank = -10 to 70 °C, C = -20 to 70 °C, E = -40 to 85 °C</p>	<p>SM44 45 T E V - 80.0M</p> <p>Model: SM44T: 2.5x3.2, SM33T: 2x2.5</p> <p>Supply Voltage: V = 3.3 volts ± 10%, W = 2.5 volts ± 10%, X = 1.8 volts ± 5%</p> <p>Frequency Stability: 45 = ±50 PPM, 44 = ±25 PPM, 20 = ±20 PPM</p> <p>Standard Temperature Ranges: Blank = -10 to 70 °C, C = -20 to 70 °C, E = -40 to 85 °C</p>

32.768 KHz Oscillator

	<p>S3880</p> <p>32.768 kHz</p> <p>♦ 1.2V, 1.8V, 2.5V, or 3.3V</p> <p>♦ -40°C to +85°C</p> <p>♦ Exceptionally rugged</p> <p>♦ Output on pad 1</p>	1.5x3.2 x 1.0h mm
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APPLICATIONS

- ♦ Ethernet
- ♦ FibreChannel
- ♦ Serial Attached SCSI (SAS)
- ♦ Server & Storage platforms
- ♦ SONET/SDH linecards
- ♦ T1/E1, T3/E3 linecards
- ♦ DSLAM
- ♦ 802.11 a/b/g WiFi
- ♦ WLAN
- ♦ HBA
- ♦ Portable Multimedia Player (PMP)
- ♦ Notebook Computer