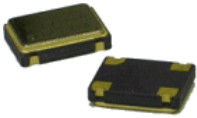

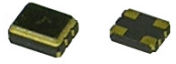

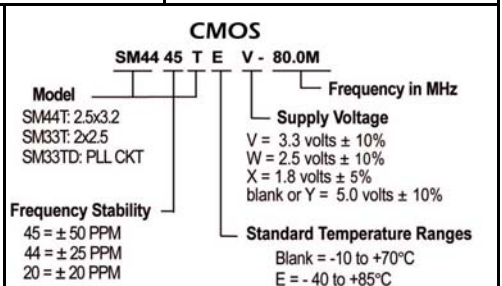
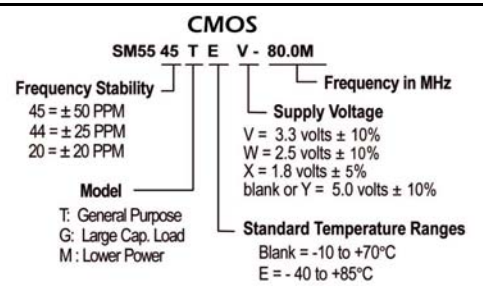
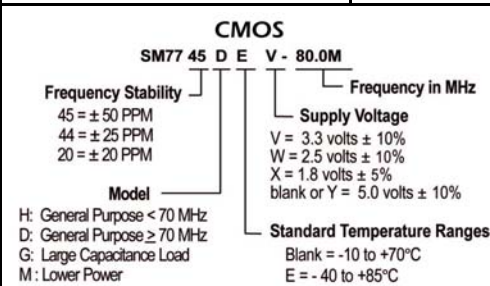


Pletronics


CMOS Output Oscillators RoHS 6/6 Compliant

Ceramic SMD Packages

Package	Series	Features	Package Size
	SM77	0.8 MHz–180 MHz <ul style="list-style-type: none"> 0.8V, 1.2V, 1.8V, 2.5V, 3.3V, or 5.0V -10°C to 70°C standard -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 <ul style="list-style-type: none"> 0.8V, 1.2V, 1.8V, 2.5V, 3.3V, or 5.0V -10°C to 70°C standard -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 <ul style="list-style-type: none"> 0.8V, 1.2V, 1.8V, 2.5V, or 3.3V -10°C to 70°C standard -40°C to 85°C optional 	2.5 x 3.2 x 1.05h mm
	SM33T	.75 MHz–50 MHz <ul style="list-style-type: none"> 0.8V, 1.2V, 1.8V, 2.5V, or 3.3V 	2 x 2.5 x 1.0h mm



32.768 KHz Oscillator

	S3880 32.768 kHz <ul style="list-style-type: none"> 1.2V, 1.8V, 2.5V, or 3.3V -40°C to 85°C Exceptionally rugged Output on pad 1 	1.5x3.2 x 1.0h mm
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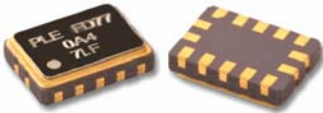

- ◆ Ethernet
- ◆ FibreChannel
- ◆ Serial Attached SCSI (SAS)
- ◆ Server & Storage platforms
- ◆ SONET/SDH linecards
- ◆ T1/E1, T3/E3 linecards
- ◆ DSLAM
- ◆ 802.11 a/b/g WiFi
- ◆ WLAN
- ◆ HBA
- ◆ Portable Multimedia Player (PMP)
- ◆ Notebook Computer
- ◆ SDIO / PCMCIA card
- ◆ USB BT interface



CMOS Output Oscillators

RoHS 6/6 Compliant

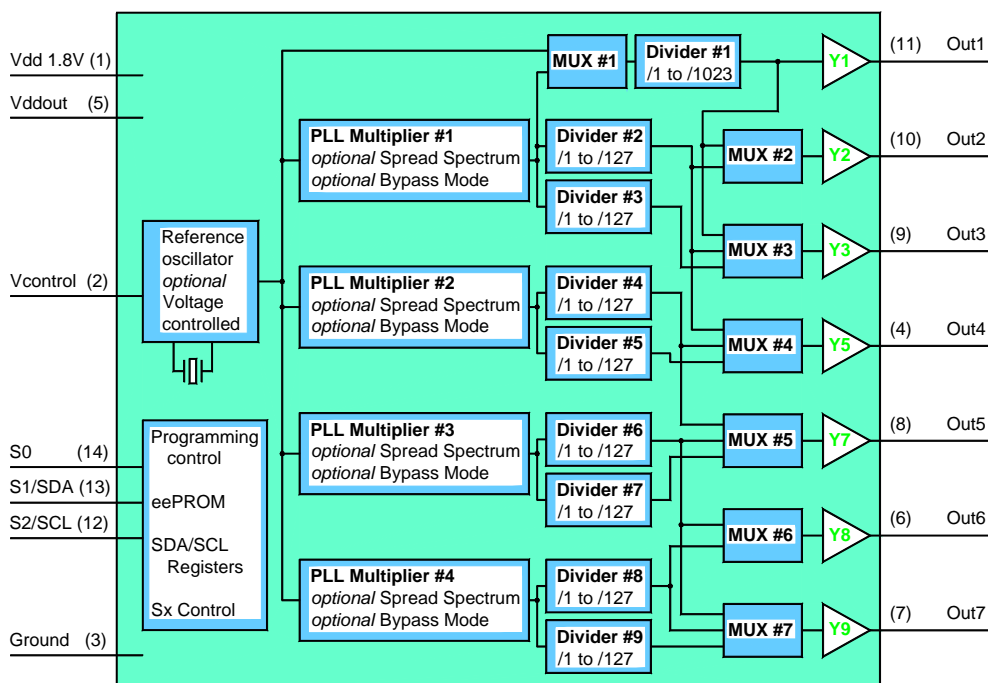
Multi-Output, Programmable, Spread Spectrum

Package	Features	Package Size
 FD7T	Multi-Output CMOS Clock Oscillator <ul style="list-style-type: none"> ◆ Up to 7 independent frequency outputs ◆ 12 KHz to 230 MHz ◆ -20°C to 70°C standard, -40°C to 85°C optional ◆ 1.8V, 2.5V, 3.3V ◆ VCXO function available ◆ Selectable low jitter or spread spectrum outputs 	5 x 7 x 1.7h mm 14 pad
 FD5T	Single-Output Programmable CMOS Clock Oscillator <ul style="list-style-type: none"> ◆ 12 KHz to 230 MHz ◆ -20°C to 70°C standard, -40°C to 85°C optional ◆ 1.8V, 2.5V, 3.3V ◆ Field programmable ◆ Selectable low jitter or spread spectrum outputs 	3.2 x 5 x 1.35h mm 6 pad

APPLICATIONS

- ◆ Power PC
- ◆ Bluetooth
- ◆ ZigBee
- ◆ WLAN
- ◆ Notebook computers
- ◆ Portable devices
- ◆ Interface controllers
- ◆ LCD Displays and HDTV
- ◆ Scanners/Printers
- ◆ Modems
- ◆ Set-top boxes
- ◆ Digital cameras

Block Diagram of Multi-Output FD7



VARIATIONS

- FD77T- 4PLLs: 7 outputs
- FD75T- 3PLLs: 5 outputs
- FD74T- 2PLLs: 4 outputs
- FD73T- 1PLLs: 3 outputs

◆ See individual data sheets and standard part number builder on www.pletronics.com for allowable configurations and complete specifications