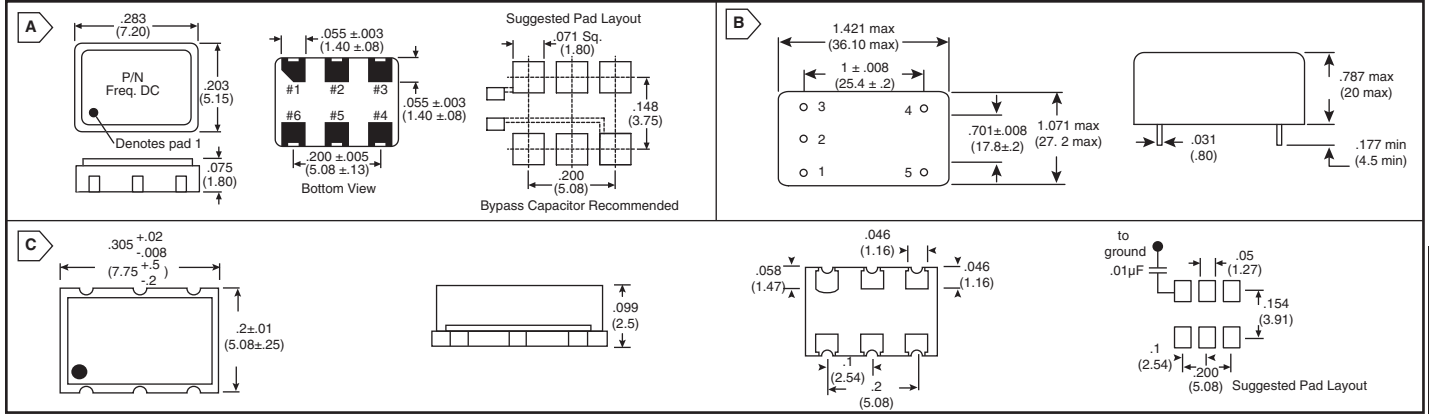


RoHS Compliant. This product is RoHS compliant.



CCPD-033/034, LVPECL CLOCK OSCILLATORS, 5 X 7MM SMD

- Specifications:**
- Frequency Range: 77.760–311.040MHz
 - Input Voltage: 3.3V ± 0.3V
 - Input Current: 55mA Typ, 88mA Max
 - Jitter: 1ps RMS Max
 - Low phase noise, non PLL design
 - Also available in 9 x14. See figure C.
- Output:**
- Differential LVPECL
 - Symmetry: 45/55% Max @ 50% Vdd
 - Logic: Terminated to Vdd-2V into 50 ohms
 - Rise/Fall Time: 1ns max. @20% to 80% Vdd



Pad	Connection	Pad	Connection
1	E/D	4	OUT
2	N/C	5	COU
3	GND	6	Vdd

(Other frequencies, stabilities, voltages, outputs and temperature ranges available. Please contact your Mouser representative for more information.) For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	Crystek Part Number	Fig.	Package	Operating Frequency (MHz)	Stability over Temperature Range	Price Each		
						1	5	10
549-CCPD03350-77.76	CCPD-033-50-77.760	A	5 x 7mm SMD	77.76	±50ppm @ 0°C to 70°C	8.38	7.20	6.80
549-CCPD03350-125	CCPD-033-50-125.000	A	5 x 7mm SMD	125.00	±50ppm @ 0°C to 70°C	9.39	8.06	7.62
549-CCPD03350-155.52	CCPD-033-50-155.520	A	5 x 7mm SMD	155.52	±50ppm @ 0°C to 70°C	12.65	10.93	10.27
549-CCPD033X-155.2	CCPD-033X-50-155.520	A	5 x 7mm SMD	155.52	±50ppm @ -40°C to 85°C	18.12	13.18	11.20
549-CCPD03350-156.25	CCPD-033-50-156.250	A	5 x 7mm SMD	156.25	±50ppm @ 0°C to 70°C	12.65	10.93	10.27
549-CCPD033X-156.25	CCPD-033X-50-156.250	A	5 x 7mm SMD	156.25	±50ppm @ -40°C to 85°C	18.12	13.18	11.20
549-CCPD03450-200	CCPD-034-50-200.000	A	5 x 7mm SMD	200.00	±50ppm @ 0°C to 70°C	19.60	16.93	15.91
549-CCPD034X-200	CCPD-034X-50-200.000	A	5 x 7mm SMD	200.00	±50ppm @ -40°C to 85°C	37.29	27.12	23.05

CCLD-033/054X SERIES, LVDS CLOCK OSCILLATORS, 5 X 7MM SMD

- Specifications:**
- Frequency Range: 77.760–250.00MHz
 - Input Voltage: 3.3V ± 0.3V
 - Input Current: 35mA typ., 47mA max.
 - Jitter: 0.5ps typ., 1ps RMS max.
 - Low Phase Noise, non-PLL design
- Output:**
- Differential LVDS
 - Symmetry: 45/55% Max @ 50% Vdd
 - Differential Output Voltage: 247mV min., 454mV max.
 - Rise/Fall Time: 1ns max. @ 20% to 80% Vdd



Pad	Connection	Pad	Connection
1	E/D	4	OUT
2	N/C	5	COU
3	GND	6	Vdd

(Other frequencies, stabilities, voltages, outputs and temperature ranges available. Please contact your Mouser representative for more information.) For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	Crystek Part Number	Fig.	Package	Operating Frequency (MHz)	Stability over Temperature Range	Price Each		
						1	5	10
549-CCLD033-50-100	CCLD-033-50-100.000	A	5 x 7 x 1.8mm SMD	100.00	±50ppm @ 0°C to +70°C	11.22	9.69	9.11
549-CCLD033-50-125	CCLD-033-50-125.000	A	5 x 7 x 1.8mm SMD	125.00	±50ppm @ 0°C to +70°C	11.22	9.69	9.11
549-CCLD033-50-156	CCLD-033-50-156.250	A	5 x 7 x 1.8mm SMD	156.25	±50ppm @ 0°C to +70°C	13.35	11.53	10.93

CVXO-018T SERIES, HCMOS, VCXO, 5 X 7MM SMD

- Specifications:**
- Frequency Range: 1–52MHz
 - Input Voltage: 3.3V ± 0.3V
 - Control Voltage: 1.65V ± 1.65V
 - Input Current: 40mA Max
 - Low Jitter, non PLL design
- Output:**
- HCMOS
 - Symmetry: 40/60% Max @ 50% Vdd
 - Rise/Fall Time: 5ns Max @ 20% to 80% Vdd
 - Pulling Range: ±100ppm min.
 - Linearity: ±10% max



Pad	Connection	Pad	Connection
1	Cont. Volt.	4	O/P
2	Tri-State	5	N/C
3	GND	6	Vdd

(Other frequencies, stabilities, voltages, outputs and temperature ranges available. Please contact your Mouser representative for more information.) For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Crystek Part Number	Fig.	Package	Operating Frequency (MHz)	Stability over Temperature Range	Price Each			
						1	10	100	500
549-CVXO018TX508.192	CVXO-018TX-50-8.192	A	5 x 7mm SMD	8.192	±50ppm @ -40°C to +85°C	5.96	5.66	4.32	4.02
549-CVXO018TX5019.44	CVXO-018TX-50-19.440	A	5 x 7mm SMD	19.440	±50ppm @ -40°C to +85°C	5.96	5.66	4.32	4.02
549-CVXO018TX5027	CVXO-018TX-50-27.000	A	5 x 7mm SMD	27.000	±50ppm @ -40°C to +85°C	5.96	5.66	4.32	4.02

CVS575 SERIES, VOLTAGE CONTROLLED SAW OSCILLATOR 7.5 X 5 mm SMD

- Wireless Technologies supported:
- Bluetooth ISM Band WiMAX
 - CDMA2000 RFID Wi-Fi
 - GSM UMTS/3G ZigBee
 - InfrRed (IR) UWB
- Specifications:**
- 315MHz to 1GHz Available Freq. Range
 - 5x7.5mm SMD Package
 - Complementary LVPECL Output
 - +3.3V Supply
 - Ultra-Low Jitter <0.20 psec RMS (50KHz to 80MHz)
 - Ultra-Low Phase Noise -130dBc/Hz @ 10KHz offset
 - CMOS Logic Enable/Disable



Output Phase Noise	
@ 1KHz offset	-108 dBc/Hz
@ 10KHz offset	-130 dBc/Hz
@ 100KHz offset	-138 dBc/Hz
@ 1MHz offset	-140 dBc/Hz
@ 10MHz offset	-142 dBc/Hz

(Other frequencies, stabilities, voltages, outputs and temperature ranges available. Please contact your Mouser representative for more information.) For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	Crystek Part No.	Fig.	Package	Operating Freq. (MHz)	Price Each			
					1	5	10	25
549-CVS575-622.08	CVS575-622.080MHz	B	5 x 7mm SMD	622.08	59.63	58.00	54.80	51.57
549-CVS575-500	CVS575-500MHz	B	5 x 7mm SMD	500.00	61.24	58.01	54.79	51.57

OVEN CONTROLLED CRYSTAL OSCILLATORS (OCXO)

- Wireless Technologies supported:
- Bluetooth ISM Band WiMAX
 - CDMA2000 RFID Wi-Fi
 - GSM UMTS/3G ZigBee
 - InfrRed (IR) UWB
- Features:**
- Tight Stability at ±200 ppb (parts per billion)
 - Excellent Phase Noise
 - AT-Cut Crystal
 - Electronic Frequency Control (EFC)
- Specifications:**
- Frequency: 10.000MHz
 - Frequency Stability: ±200 ppb @ -20°C to +80°C
 - Supply Voltage: 15V±1.0V
 - Supply Current: 300mA max warm-up, 110mA Steady State
 - Low Phase Noise: -152dBc/Hz @ 10KHz Offset



MOUSER STOCK NO.	Crystek Part No.	Fig.	Output	Voltage	Operating Freq. (MHz)	Price Each			
						1	5	10	25
549-CO27VH15DE-10	CO27VH15DE-02-10.000	C	HCMOS	15V±1V	10.000	259.86	256.20	252.54	248.88
549-CO27VS12DE-10	CO27VS12DE-02-10.000	C	Sine wave	12V±1.0V	10.000	259.86	256.20	252.54	248.88
549-CO27VS05DE-10	CO27VS05D5-02-10.000	C	Sine wave	5V±.25V	10.000	259.86	256.20	252.54	248.88