

VECTRON RF Oscillators



This product is RoHS compliant.

VVC2 SERIES VCXO VOLTAGE CONTROLLED CRYSTAL OSCILLATORS 5 X 7 X 1.9MM

- Features:**
- VCXO with a CMOS output
 - Small 5.0 x 7.0 x 1.9 mm package
 - Output frequencies to 66MHz
 - 5.0 or 3.3V operation
 - Low Jitter < 6 pS rms, f_o-12MHz
 - Tri-State Output for test and board debug
 - 0/70 or -40/85°C operating temperature
 - Hermetically sealed ceramic SMD package
 - Lead free construction

- Applications:**
- SONET/SDH/DWDM
 - Ethernet, Gigabit Ethernet
 - xDSL/PCMCIA cards
 - Digital Video
 - Broadband Access



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MOUSER STOCK NO.	Vectron Part No.	Voltage	Frequency (MHz)	Absolute Pull Range (ppm)	Price Each				Reel Quantity	Reel Price
					1	50	100	500		
711-VVC2-BGD-27M	VVC2-BGD-27M0000000	3.3	27.000	50	8.97	7.85	6.73	5.98	1000	5.38
711-VVC2-BGD-19M44	VVC2-BGD-19M4400000	3.3	19.440	50	9.75	8.53	7.31	6.50	1000	5.85
711-VVC2-BGD-38M88	VVC2-BGD-38M8800000	3.3	38.880	50	9.75	8.53	7.31	6.50	1000	5.85

CD-700 SERIES COMPLETE VCXO BASED PHASE LOCK LOOP OSCILLATORS 5 X 7.5 X 2MM

- Features:**
- 5 x 7.5 x 2mm, smallest VCXO PLL available
 - Output Frequencies to 77.76 MHz
 - 5.0 or 3.3Vdc operation
 - Tri-State Output
 - Holdover on Loss of Signal Alarm
 - 0/70 or -40/85°C temperature range
 - Hermetically sealed ceramic SMD package
 - Product is compliant to RoHS directive

- Applications:**
- Frequency Translation
 - Clock Smoothing, Clock Switching
 - NRZ Clock recovery
 - DSLAM, ADM, ATM, Aggregation, Optical Switching/Routing, Base Station
 - Synchronous Ethernet
 - Low jitter PLL's



RoHS Compliant

MOUSER STOCK NO.	Vectron Part No.	Output Type	Frequency (MHz)	Absolute Pull Range (ppm)	Price Each				Reel Quantity	Reel Price
					1	10	50	100		
711-CD-700-LAFHAD50M	CD-700-LAF-HAD-50M0000000	CMOS	50	100	32.25	28.22	24.19	21.50	200	19.35

C2260 SERIES TCXO TEMPERATURE COMPENSATED CRYSTAL OSCILLATORS 5 X 7 X 2.3MM

- Features:**
- EFC Standard
 - Standard Surface Mount Package
 - Small Size
 - Low Profile

- Applications:**
- PCS Base Stations
 - Land Mobile Radio
 - Cellular Telephony
 - Radio in the Local Loop



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MOUSER STOCK NO.	Vectron Part No.	Output Type	Frequency (MHz)	Voltage	Price Each			Reel Quantity	Reel Price
					1	10	50		
711-C2260A1-0109	C2260A1-0109	TCXO	10	3.3	82.50	72.19	61.88	100	55.00

C4400/C4600 SERIES OCXO OVEN CONTROLLED CRYSTAL OSCILLATORS

- C4400 Features:**
- 4-Pin Dip
 - Size: 21 x 11 x 9.3mm
 - Fast Warm-up
 - TCXO Replacement for better short term stability

- C4400 Applications:**
- Base Stations
 - Test Equipment
 - Synthesizers
 - Digital Switching

- C4600 Features:**
- Size: 36 x 28 x 19mm
 - Low Aging
 - AT-Cut and SC-Cut Crystal Options
 - Fast Warm-up

- C4600 Applications:**
- Base Stations
 - Digital Switching
 - Synthesizers
 - Test Equipment



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MOUSER STOCK NO.	Vectron Part No.	Output Type	Frequency (MHz)	Absolute Pull Range (ppm)	Price Each					
					1	10	50	100	400	1200
711-C4400A1-0036-N	C4400A1-0036-N	OCXO	100	100	303.05	287.10	271.15	263.18	255.20	247.23
711-C4600A1-0080	C4600A1-0080	OCXO	100	15	440.80	417.60	394.40	382.80	371.20	359.60
711-C4600A1-0037	C4600A1-0037	OCXO	12.8	10	440.80	417.60	394.40	382.80	371.20	359.60

SAW FILTERS

MOUSER STOCK NO.	Vectron Part No.	Insertion Loss (max.) (dB)	Frequency (MHz)	Band Width (MHz)	Price Each			Reel Quantity	Reel Price
					1	50	100		
711-TFS1575	TFS1575	2	1575.42	2.4	2.01	1.51	1.34	200	1.21
711-TFS1575A	TFS1575A	2.5	1575.42	2.4	2.01	1.51	1.34	200	1.21
711-TFS433V	TFS433V	3	433.92	.36	2.01	1.51	1.34	200	1.21
711-TFS433X	TFS433X	3	433.92	.36	2.01	1.51	1.34	200	1.21
711-TFS433P	TFS433P	3.5	433.92	.44	2.01	1.76	1.51	3000	1.07
711-TFS433S	TFS433S	3.8	433.92	1.71	2.01	1.76	1.51	3000	1.07
711-TFS433AA	TFS433AA	3.5	433.92	.6	2.34	2.05	1.76	3000	1.25
711-TFS456K	TFS456K	14	456	6.8	3.78	2.84	2.52	200	2.27
711-TFS456AL	TFS456AL	3.5	456	9.25	3.78	2.84	2.52	200	2.27
711-TFS867A	TFS867A	3	867.5	25	3.42	2.99	2.57	3000	1.82
711-TFS867B	TFS867B	2.7	867.5	12.5	3.42	2.99	2.57	9000	1.68
711-TFS868L	TFS868L	2.4	868.3	.5	2.82	2.47	2.12	3000	1.50



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