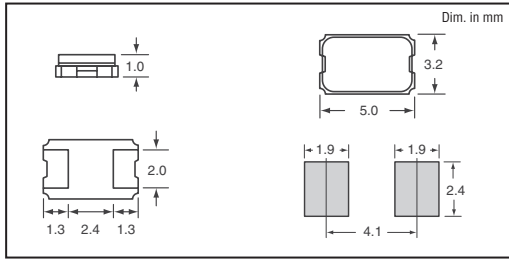




CX5032GB Series SMD Crystals



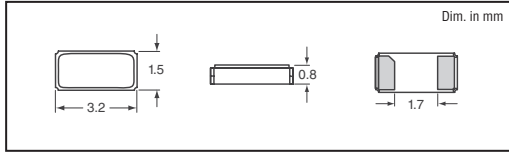
Features: • Crystal unit for audio-visual and office equipment • Small and low profile • Ceramic package • Reflow compatible

Applications: • Digital electronics • Audio-visual • Office equipment

Specifications: • Frequency Tolerance: $\pm 30ppm$ • Frequency Temperature Characteristics: $\pm 20ppm$ • Load Capacitance: 12pF • Operating Temperature Range: -10°C ~ 70°C • Storage Temperature Range: -40°C ~ 85°C

Frequency (MHz)	Digi-Key Part No.	Cut Tape Price Each			Digi-Key Part No.	Tape and Reel Pricing 1,000	AVX Part No.
		1	10	100			
10.00000	478-4358-1-ND	1.22	.77	.57	478-4358-2-ND	486.89	CX5032GB1000H0PESZZ
12.00000	478-4359-1-ND	1.22	.77	.57	478-4359-2-ND	486.89	CX5032GB1200H0PESZZ
14.31818	478-4360-1-ND	1.22	.77	.57	478-4360-2-ND	486.89	CX5032GB14318H0PESZZ
14.74560	478-4361-1-ND	1.22	.77	.57	478-4361-2-ND	486.89	CX5032GB14745H0PESZZ
16.00000	478-4362-1-ND	1.22	.77	.57	478-4362-2-ND	486.89	CX5032GB1600H0PESZZ
20.00000	478-4363-1-ND	1.22	.77	.57	478-4363-2-ND	486.89	CX5032GB2000H0PESZZ
24.57600	478-4364-1-ND	1.22	.77	.57	478-4364-2-ND	486.89	CX5032GB24576H0PESZZ
27.00000	478-4365-1-ND	1.22	.77	.57	478-4365-2-ND	486.89	CX5032GB2700H0PESZZ

ST3215SB Series SMD Crystals



Features: • Small and low profile • Ceramic package • Reflow compatible

Applications: • Consumer and Mobile Equipment

Specifications: • Frequency Tolerance: $\pm 20ppm$ • Equivalent Series Resistance: 70k Ω • Nominal Frequency: 32.768kHz • Operating Temperature Range: -40°C ~ 85°C

Load Capacitance (pF)	Digi-Key Part No.	Cut Tape Price Each			Digi-Key Part No.	Tape and Reel Pricing 3,000	AVX Part No.
		1	10	100			
9.0	478-5429-1-ND	1.20	1.09	.91	478-5429-2-ND	600.60/M	ST3215SB32768H0HPWAA
12.5	478-5428-1-ND	1.20	1.09	.91	478-5428-2-ND	600.60/M	ST3215SB32768H5HPWAA

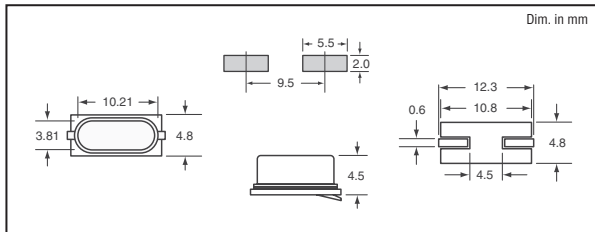
CX49GFNB Series SMT Crystals



Features: • Crystal unit for audio-visual and office equipment • Metal package • Hermetic sealed resistance weld

Applications: • Digital electronics • Audio-visual • Office equipment

Specifications: • Frequency Tolerance: $\pm 50ppm$ • Frequency Temperature Characteristics: $\pm 50ppm$ • Load Capacitance: 12pF • Operating Temperature Range: -10°C ~ 70°C • Storage Temperature Range: -40°C ~ 85°C



Frequency (MHz)	Digi-Key Part No.	Cut Tape Price Each			Digi-Key Part No.	Tape and Reel Pricing 1,000	AVX Part No.
		1	10	100			
3.579545	478-4339-1-ND	.80	.51	.38	478-4339-2-ND	320.32	CX49GFNB03579H0PESZZ
4.000000	478-4340-1-ND	.80	.51	.38	478-4340-2-ND	320.32	CX49GFNB04000H0PESZZ
4.320000	478-4342-1-ND	.80	.51	.38	478-4342-2-ND	320.32	CX49GFNB04320H0PESZZ
4.433619	478-4343-1-ND	.80	.51	.38	478-4343-2-ND	320.32	CX49GFNB04433H0PESZZ
4.915200	478-4344-1-ND	.80	.51	.38	478-4344-2-ND	320.32	CX49GFNB04915H0PESZZ
6.000000	478-4345-1-ND	.80	.51	.38	478-4345-2-ND	320.32	CX49GFNB06000H0PESZZ
7.200000	478-4346-1-ND	.80	.51	.38	478-4346-2-ND	320.32	CX49GFNB07200H0PESZZ
8.000000	478-4347-1-ND	.80	.51	.38	478-4347-2-ND	320.32	CX49GFNB08000H0PESZZ
10.000000	478-4348-1-ND	.80	.51	.38	478-4348-2-ND	320.32	CX49GFNB10000H0PESZZ
12.000000	478-4349-1-ND	.80	.51	.38	478-4349-2-ND	320.32	CX49GFNB12000H0PESZZ
14.318180	478-4350-1-ND	.80	.51	.38	478-4350-2-ND	320.32	CX49GFNB14318H0PESZZ
16.000000	478-4351-1-ND	.80	.51	.38	478-4351-2-ND	320.32	CX49GFNB16000H0PESZZ
16.934000	478-4352-1-ND	.80	.51	.38	478-4352-2-ND	320.32	CX49GFNB16934H0PESZZ
18.432000	478-4353-1-ND	.80	.51	.38	478-4353-2-ND	320.32	CX49GFNB18432H0PESZZ
20.000000	478-4354-1-ND	.80	.51	.38	478-4354-2-ND	320.32	CX49GFNB20000H0PESZZ
24.000000	478-4355-1-ND	.80	.51	.38	478-4355-2-ND	320.32	CX49GFNB24000H0PESZZ
27.000000	478-4357-1-ND	.80	.51	.38	478-4357-2-ND	320.32	CX49GFNB27000H0PESZZ

Chipset Crystals and TCXO's



Frequency (MHz)	Digi-Key Part No.	Cut Tape Price Each			Tape and Reel†		AVX Part No.	IC Manufacturer and Application
		1	10	100	Qty.	Pricing		
Chipset Crystals								
16.000	478-4815-1-ND	2.56	1.61	1.19	1,000	1025.02	CX3225SB16000E0FPZ25	Freescala Zigbee
24.000	478-4820-1-ND	3.20	2.01	1.49	1,000	1281.28	CX2520SB24000D0PESZZ	BeCeem WiMax
40.000	478-4816-1-ND	2.56	1.61	1.19	1,000	1025.02	CX-96F-040.000-E0107	Atheros WiFi
40.000	478-4817-1-ND	2.56	1.61	1.19	1,000	1025.02	CX101F-040.000-H0445	Atheros WiFi
40.000	478-4818-1-ND	3.20	2.01	1.49	1,000	1281.28	CX2520SB40000H0DZF08	Atheros WiFi
40.000	478-4819-1-ND	3.20	2.01	1.49	1,000	1281.28	CX2520SB40000H0WZK06	BeCeem WiMax
TCXO's								
40.000	478-4821-1-ND	3.60	3.25	2.71	3,000	1801.80/M	KT2520Y40000ECV28TBA	BeCeem WiMax

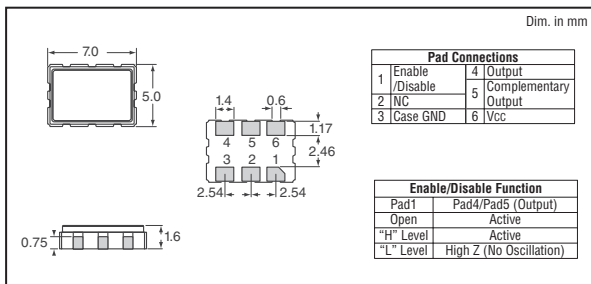
Frequency (MHz)	Digi-Key Part No.	Cut Tape Price Each			Tape and Reel†		AVX Part No.	IC Manufacturer and Application
		1	10	100	Qty.	Pricing		
40.000	478-4822-1-ND	3.60	3.25	2.71	3,000	1801.80/M	KT3225R40000ECV28TBA	BeCeem WiMax
27.456	478-5250-1-ND	4.32	3.90	3.25	3,000	2162.16/M	KT2520F27456ZAW28TBA	E-Ride GPS
27.456	478-4823-1-ND	4.32	3.90	3.25	3,000	2162.16/M	KT3225F27456ZAW28TAA	E-Ride GPS
26.000	478-4824-1-ND	4.32	3.90	3.25	3,000	2162.16/M	KT3225R26000ZAW28TMA	E-Ride GPS
16.367	478-5251-1-ND	4.32	3.90	3.25	3,000	2162.16/M	KT3225F16367ACW30TAA	Atheros
16.369	478-4825-1-ND	4.32	3.90	3.25	3,000	2162.16/M	KT2520F16369ACW28TAA	SIRF GPS
16.369	478-4826-1-ND	4.32	3.90	3.25	3,000	2162.16/M	KT3225F16369ACW28TAA	SIRF GPS
16.369	478-5249-1-ND	4.32	3.90	3.25	3,000	2162.16/M	KT2520F16369ACW18TAG	SIRF GPS

† For Tape and Reel part number, change 1-ND to 2-ND.

KC7050P Series LVDS and PECL SMD Oscillators



Features: • Miniature ceramic package • Highly reliable with seam welding • Supply Voltage Vcc: 3.3V **Specifications:** • Operating Temperature Range: 0°C ~ 70°C • Max. Current Consumption: 70mA (LVDS), 90mA (PECL) • Stand-by Current: 30 μ A • Rise/Fall Time: 0.6ns • Output Load: 100 Ω (LVDS), 50 Ω (PECL)



Frequency (MHz)	Digi-Key Part No.	Cut Tape Price Each			Digi-Key Part No.	Tape and Reel Pricing 1,000	AVX Part No.
		1	10	100			
LVDS							
125.000	478-6152-1-ND	13.93	12.55	10.46	478-6152-2-ND	6966.96	KC7050P125.000L20E00
150.000	478-6153-1-ND	16.34	14.71	12.26	478-6153-2-ND	8168.16	KC7050P150.000L20E00
156.250	478-6154-1-ND	16.34	14.71	12.26	478-6154-2-ND	8168.16	KC7050P156.250L20E00
100.000	478-6151-1-ND	13.93	12.55	10.46	478-6151-2-ND	6966.96	KC7050P100.000L30E00
125.000	478-4806-1-ND	13.93	12.55	10.46	478-4806-2-ND	6966.96	KC7050P125.000L30E00
150.000	478-4807-1-ND	16.34	14.71	12.26	478-4807-2-ND	8168.16	KC7050P150.000L30E00
155.520	478-4808-1-ND	16.34	14.71	12.26	—	—	KC7050P155.520L30E00
156.250	478-4809-1-ND	16.34	14.71	12.26	478-4809-2-ND	8168.16	KC7050P156.250L30E00
LV-PECL							
100.000	478-4810-1-ND	13.93	12.55	10.46	478-4810-2-ND	6966.96	KC7050P100.000P30E00
106.250	478-4811-1-ND	13.93	12.55	10.46	478-4811-2-ND	6966.96	KC7050P106.250P30E00
125.000	478-4812-1-ND	13.93	12.55	10.46	—	—	KC7050P125.000P30E00
155.520	478-4813-1-ND	16.34	14.71	12.26	—	—	KC7050P155.520P30E00
156.250	478-4814-1-ND	16.34	14.71	12.26	478-4814-2-ND	8168.16	KC7050P156.250P30E00

Digi-Reel® Most SMT cutdown parts are available on a Digi-Reel®. For Digi-Reel part number, change 1-ND to 6-ND or CT-ND to DKR-ND. See Digi-Key® Services on page 2 for additional information.

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