

CITIZEN SMD Programmable, XO and VCXO Oscillators CITIZEN

RoHS Compliant This product is RoHS compliant.

CITIZEN CSX-750F SERIES CERAMIC CRYSTAL CLOCK OSCILLATORS 7 X 5 X 1.6



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3.3 Volt

For quantities of 2,000 and up, call for quote.

MOUSER STOCK NO.	Citizen Part Number	Frequency (MHz)	Price Each				
			1	10	50	100	500
695-CSX750FBC-184	CSX750FBC1.8432MUT	1.84320	2.98	2.76	1.91	1.70	1.53
695-CSX750FBC-368	CSX750FBC3.6864MUT	3.68640	2.98	2.76	1.91	1.70	1.53
695-CSX750FBC-4	CSX750FBC4.000MUT	4.00000	2.98	2.76	1.91	1.70	1.53
695-CSX750FBC-8	CSX750FBC8.000MUT	8.00000	2.98	2.76	1.91	1.70	1.53
695-CSX750FBC-10	CSX750FBC10.000MUT	10.00000	2.98	2.76	1.91	1.70	1.53
695-CSX750FBC-12	CSX750FBC12.000MUT	12.00000	2.98	2.76	1.91	1.70	1.53
695-CSX750FBC-143	CSX750FBC14.31818MUT	14.31818	2.98	2.76	1.91	1.70	1.53
695-CSX750FBC-147	CSX750FBC14.7456MUT	14.74560	2.98	2.76	1.91	1.70	1.53
695-CSX750FBC-16	CSX750FBC16.000MUT	16.00000	2.98	2.76	1.91	1.70	1.53
695-CSX750FBC-18.4	CSX750FBC18.432MUT	18.43200	2.98	2.76	1.91	1.70	1.53
695-CSX750FBC-20	CSX750FBC20.000MUT	20.00000	2.98	2.76	1.91	1.70	1.53
695-CSX750FBC-24	CSX750FBC24.000MUT	24.00000	2.98	2.76	1.91	1.70	1.53
695-CSX750FBC-245	CSX750FBC24.576MUT	24.57600	2.98	2.76	1.91	1.70	1.53
695-CSX750FBC-25	CSX750FBC25.000MUT	25.00000	2.98	2.76	1.91	1.70	1.53
695-CSX750FBC-32	CSX750FBC32.000MUT	32.00000	2.98	2.76	1.91	1.70	1.53
695-CSX750FBC-333	CSX750FBC33.333MUT	33.33300	2.98	2.76	1.91	1.70	1.53
695-CSX750FJC-40	CSX750FJC40.000MUT	40.00000	2.98	2.76	1.91	1.70	1.53
695-CSX750FJC-48	CSX750FJC48.000MUT	48.00000	2.98	2.76	1.91	1.70	1.53
695-CSX750FJC-50	CSX750FJC50.000MUT	50.00000	2.98	2.76	1.91	1.70	1.53
695-CSX750FJC-60	CSX750FJC60.000MUT	60.00000	2.98	2.76	1.91	1.70	1.53
695-CSX750FJC-64	CSX750FJC64.000MUT	64.00000	2.98	2.76	1.91	1.70	1.53

PART NUMBERING GUIDE:

695-CSX750 - -FREQ

Product Family: 695-CSX750

Frequency: Numerical Value - Max. characters as follows:
XXX.XXXXXX
Followed by "M" for MHz

Programmable Frequency:

	Voltage	Load Condition
PT	5V	TTL
PC	5V	CMOS
PB	3.3V	CMOS

Packaging Method:
UT = Tape & Reel (2000 pcs min.)
UB = Bulk

Frequency Tolerance (at Operating Temp.):
B = ±50ppm (-20°C to +70°C)
C = ±100ppm (-20°C to +70°C) (Std)
F = ±100ppm (-40°C to +85°C)
G = ±200ppm (-40°C to +85°C)

Frequency Control

CITIZEN CSX750 SERIES PROGRAMMABLE CRYSTAL OSCILLATORS 7.0 X 5.0MM

Features:

- Wide range of output frequency by PLL technology

Specifications:

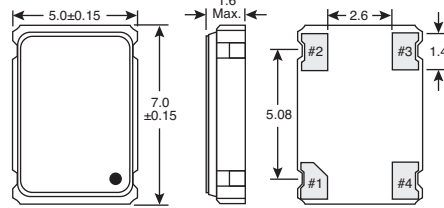
- Frequency Range: CSX750PT - 1.000MHz to 125.000MHz
CSX750PC - 1.000MHz to 125.000MHz
CSX750PB - 1.000MHz to 100.000MHz

Applications:

- Communication Devices
- AV Devices
- Automotive Devices
- Measuring Instruments



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DIMENSIONS: mm

Pin Assignment	
Pin No.	Connection
#1	OE or Stand By
#2	GND
#3	OUT
#4	Vdd

MOUSER STOCK NO.	Price Each	
	1	10
695-CSX750XXX-XX-Freq	4.73	4.03

Function		
#1 Input	#3 Output	Condition
H	Open	Oscillation Out
Open	L	Oscillation Stop

5.0 Volt

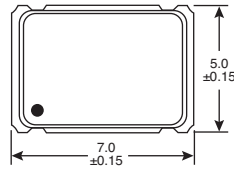
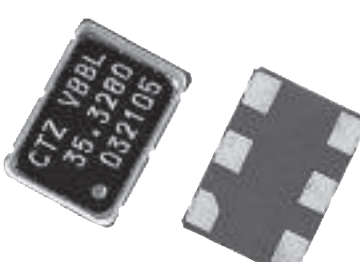
For quantities of 2,000 and up, call for quote.

MOUSER STOCK NO.	Citizen Part Number	Frequency (MHz)	Price Each				
			1	10	50	100	500
695-CSX750FCC-184	CSX750FCC1.8432M-UT	1.84320	2.98	2.76	1.91	1.70	1.53
695-CSX750FCC-4	CSX750FCC4.000M-UT	4.00000	2.98	2.76	1.91	1.70	1.53
695-CSX750FCC-8	CSX750FCC8.000M-UT	8.00000	2.98	2.76	1.91	1.70	1.53
695-CSX750FCC-10	CSX750FCC10.000M-UT	10.00000	2.98	2.76	1.91	1.70	1.53
695-CSX750FCC-143	CSX750FCC14.31818M-UT	14.31818	2.98	2.76	1.91	1.70	1.53
695-CSX750FCC-16	CSX750FCC16.000M-UT	16.00000	2.98	2.76	1.91	1.70	1.53
695-CSX750FCC-20	CSX750FCC20.000M-UT	20.00000	2.98	2.76	1.91	1.70	1.53
695-CSX750FCC-245	CSX750FCC24.576M-UT	24.57600	2.98	2.76	1.91	1.70	1.53
695-CSX750FCC-40	CSX750FCC40.000M-UT	40.00000	2.98	2.76	1.91	1.70	1.53
695-CSX750FCC-48	CSX750FCC48.000M-UT	48.00000	2.98	2.76	1.91	1.70	1.53
695-CSX750FCC-50	CSX750FCC50.000M-UT	50.00000	2.98	2.76	1.91	1.70	1.53



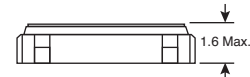
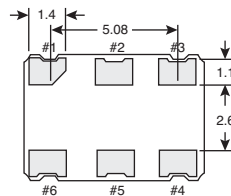
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CITIZEN CSX-750V SERIES VOLTAGE CONTROLLED CRYSTAL OSCILLATORS 7.0 X 5.0MM



Pin Assignment	
Pin No.	Connection
#1	VC
#2	NC
#3	GND
#4	OUT
#5	OE
#6	Vdd

Function		
#5	#4 Output	Condition
H	Open	Oscillation out
Open	L	Oscillation stop



Features:

- Available to supply voltage 5.0V or 3.3V
- Automatic mounting and reflowable type
- Most appropriate for communication devices and other equipment
- Output enable function (OE) can be used for low power consumption



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MOUSER STOCK NO.	Citizen Part Number	Frequency (MHz)	Voltage	Pull (ppm)	Temp. °C	Price Each				
						1	10	50	100	500
695-CSX750VKB-122	CSX750VKB-12.288M-UT	12.288	3.3	+/- 90	-20 + 70	5.25	4.88	3.38	3.00	2.70
695-CSX750VKB-25	CSX750VKB-25.00M-UT	25.00	3.3	+/- 90	-20 + 70	5.25	4.88	3.38	3.00	2.70
695-CSX750VKB-327	CSX750VKB-32.768M-UT	32.768	3.3	+/- 90	-20 + 70	5.25	4.88	3.38	3.00	2.70
695-CSX750VKB-353	CSX750VKB-35.328M-UT	35.328	3.3	+/- 90	-20 + 70	5.25	4.88	3.38	3.00	2.70
695-CSX750VKE-353	CSX750VKE-35.328M-UT	35.328	3.3	+/- 90	-40 + 85	5.78	5.37	3.72	3.30	2.97
695-CSX750VJB-409	CSX750VJB-4.096M-UT	4.096	5.0	+/- 100	-20 + 70	5.25	4.88	3.38	3.00	2.70
695-CSX750VJB-20	CSX750VJB-20.00M-UT	20.00	5.0	+/- 100	-20 + 70	5.25	4.88	3.38	3.00	2.70
695-CSX750VJB-27	CSX750VJB-27.00M-UT	27.00	5.0	+/- 100	-20 + 70	5.25	4.88	3.38	3.00	2.70

For quantities of 1,000 and up, call for quote.

