

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



RoHS Compliant

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					
695-CSX750FBC-368	CSX750FBC3.6864MUT	3.68640					
695-CSX750FBC-4	CSX750FBC4.0000MUT	4.00000					
695-CSX750FBC-8	CSX750FBC8.0000MUT	8.00000					
695-CSX750FBC-10	CSX750FBC10.0000MUT	10.00000					
695-CSX750FBC-12	CSX750FBC12.0000MUT	12.00000					
695-CSX750FBC-147	CSX750FBC14.7456MUT	14.74560					
695-CSX750FBC-16	CSX750FBC16.0000MUT	16.00000					
695-CSX750FBC-18.4	CSX750FBC18.432MUT	18.43200					
695-CSX750FBC-20	CSX750FBC20.0000MUT	20.00000					
695-CSX750FBC-24	CSX750FBC24.0000MUT	24.00000					
695-CSX750FBC-245	CSX750FBC24.576MUT	24.57600					
695-CSX750FBC-25	CSX750FBC25.0000MUT	25.00000					
695-CSX750FBC-32	CSX750FBC32.0000MUT	32.00000					
695-CSX750FBC-333	CSX750FBC33.333MUT	33.33300					
695-CSX750FJC-40	CSX750FJC40.0000MUT	40.00000					
695-CSX750FJC-48	CSX750FJC48.0000MUT	48.00000					
695-CSX750FJC-50	CSX750FJC50.0000MUT	50.00000					
695-CSX750FJC-60	CSX750FJC60.0000MUT	60.00000					
695-CSX750FJC-64	CSX750FJC64.0000MUT	64.00000					



RoHS Compliant

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					
695-CSX750FCC-4	CSX750FCC4.0000M-UT	4.00000					
695-CSX750FCC-8	CSX750FCC8.0000M-UT	8.00000					
695-CSX750FCC-10	CSX750FCC10.0000M-UT	10.00000					
695-CSX750FCC-143	CSX750FCC14.31818M-UT	14.31818					
695-CSX750FCC-16	CSX750FCC16.0000M-UT	16.00000					
695-CSX750FCC-20	CSX750FCC20.0000M-UT	20.00000					
695-CSX750FCC-40	CSX750FCC40.0000M-UT	40.00000					
695-CSX750FCC-48	CSX750FCC48.0000M-UT	48.00000					
695-CSX750FCC-50	CSX750FCC50.0000M-UT	50.00000					

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)

CITIZEN CSX750 SERIES PROGRAMMABLE CRYSTAL OSCILLATORS 7.0 X 5.0MM

Features:

- Wide range of output frequency by PLL technology

Specifications:

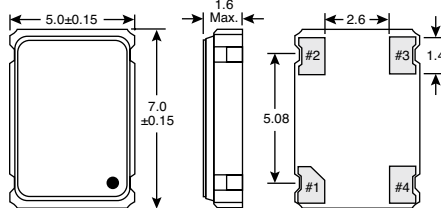
- Frequency Range: CSX750PT - 1.000MHz to 125.000MHz
CSX750PC - 1.000MHz to 125.000MHz
CSX750PB - 1.000MHz to 100.000MHz

Applications:

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



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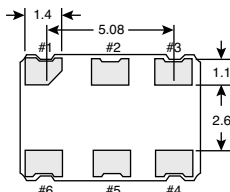
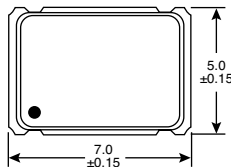
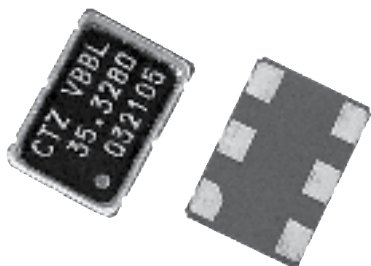
DIMENSIONS: mm

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	3,90	3,32

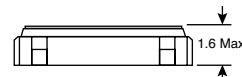
Function	
#1 Input	#3 Output Condition
H	Oscillation Out
Open	Oscillation Out
L	Oscillation Stop

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

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					
695-CSX750VKB-25	CSX750VKB-25.00M-UT	25.00	3.3	±90	-20 + 70					
695-CSX750VKB-327	CSX750VKB-32.768M-UT	32.768	3.3	±90	-20 + 70					
695-CSX750VJB-20	CSX750VJB-20.00M-UT	20.00	5.0	±100	-20 + 70					
695-CSX750VJB-27	CSX750VJB-27.00M-UT	27.00	5.0	±100	-20 + 70					