



ILSI

MMD

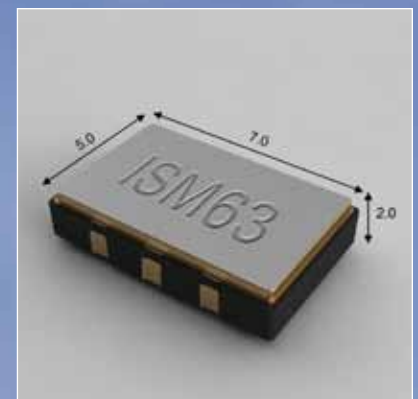
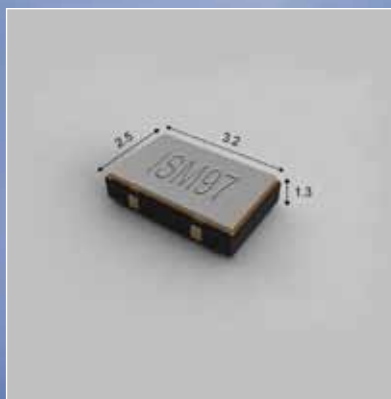
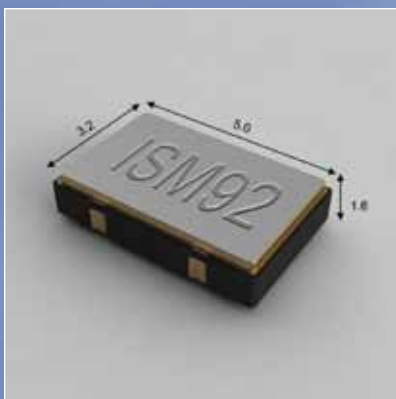
Monitor / Quartztek

FREQUENCY CONTROL PRODUCTS

Since 1987

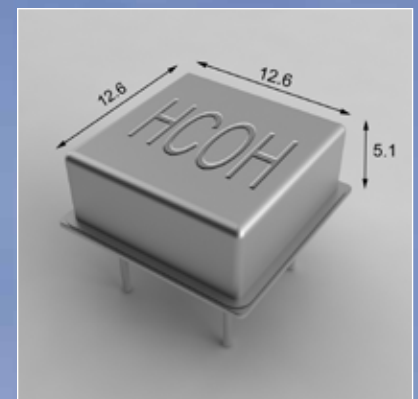
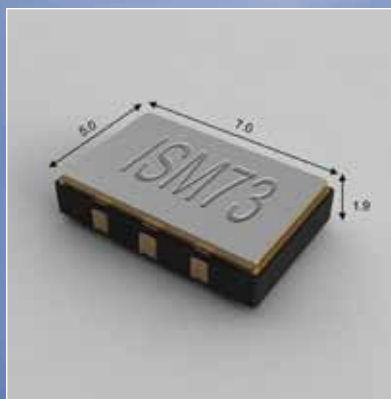
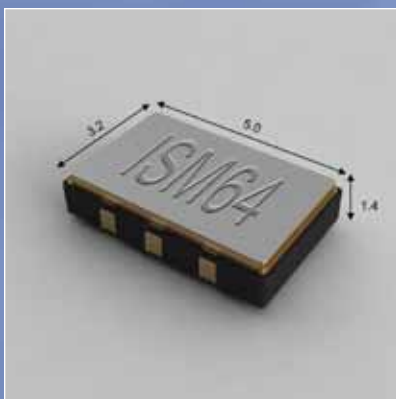
CLOCK OSCILLATORS

Oscillator SMD Models									
ILSI Series	MMD Series	Size (mm)	Height (mm)	Lowest Frequency	Highest Frequency	Supply VDC	Output Type	Comments	Applications
ISM91	MIH	7 X 5	1.7	1 MHz	170 MHz	1.8V, 2.5V 3.3V	HCMOS	Ceramic Package 4 Pad	Fibre Channel, Server & Storage, Sonet / SDH, 802.11 / Wifi, Set Top Box, HDTV
ISM92	MTH	5 X 3.2	1.6	1 MHz	160 MHz	1.8V, 2.5V, 2.7V, 3.0V, 3.3V, 5V	HCMOS	Ceramic Package 4 Pad	Fibre Channel, Server & Storage, Sonet / SDH, 802.11 / Wifi, Set Top Box, HDTV
ISM95	MXH	2.5 X 2	0.9	1 MHz	66 MHz	1.8V, 2.5V 2.7V, 3.0V 3.3V	TTL HCMOS LVHCMOS	Ceramic Package 4 Pad	Fibre Channel, Server & Storage, Sonet / SDH, 802.11 / Wifi, Set Top Box, HDTV
ISM97	MSH	3.2 X 2.5	1.3	1 MHz	160 MHz	1.8V, 2.5V 2.7V, 3.0V 3.3V	TTL HCMOS LVHCMOS	Ceramic Package 4 Pad	Fibre Channel, Server & Storage, Sonet / SDH, 802.11 / Wifi, Set Top Box, HDTV
ISM34		3.2 X 2.5	1.2	32.768 KHz	32.768 KHz	1.8V, 2.5V 3.3V	CMOS	10 uA Max Ceramic Package 4 Pad	Real-Time Clock Oscillator, WLAN/ WiMax, Mobile Phone, DSC, Set Top Box, HDTV, Car Navigation
ISM61	MDH	14 X 9	4.7	1.8432 MHz	200 MHz	2.5V, 2.7V 3.0V, 3.3V	HCMOS	J-Lead Plastic Package 4 Pad	Fibre Channel, Server & Storage, Sonet / SDH, 802.11 / Wifi, T1/E1 T3/ E3, System Clock
ISM65	MKP, MKL, MKV	14.7 X 10.2	6	1 MHz	622.08 MHz	2.5V, 2.7V 3.0V, 3.3V, 5V	PECL, LVPECL LVDS	Low Noise FR4 Package 6 Pad	Test Equipment, Server & Storage, Sonet / SDH
ISM63	MQQI	7 X 5	2	10 MHz	1500 MHz (250 MHz for LVC MOS)	2.5V, 3.3V	LVC MOS, LVPECL, LVDS	Ceramic Package 6 Pad	xDSL, Broadcast Video, Wireless Base Stations, Sonet / SDH, WiMax / WiLan, Server & Storage, Ethernet / LAN / WAN, Optical Modules, Clock & Data Recovery, FPGA / ASIC, Backplanes / GPON



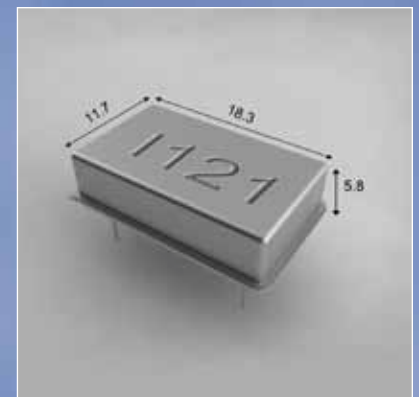
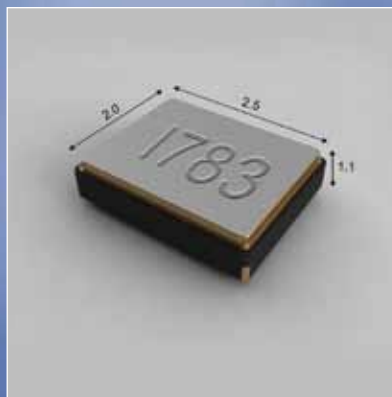
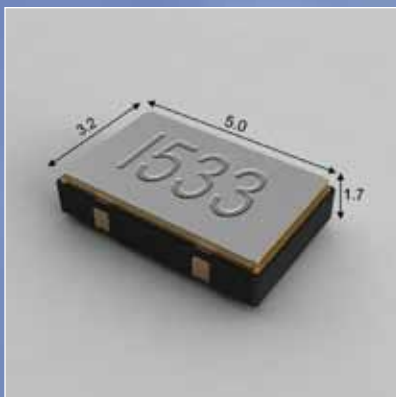
CLOCK OSCILLATORS

Oscillator SMD Models									
ILSI Series	MMD Series	Size (mm)	Height (mm)	Lowest Frequency	Highest Frequency	Supply VDC	Output Type	Comments	Applications
ISM64		5 X 3.2	1.4	10 MHz	1500 MHz (250 MHz for LVC MOS)	2.5V 3.3V	LVC MOS, LVPECL, LVDS	Ceramic Package 6 Pad	xDSL, Broadcast Video, Wireless Base Stations, Sonet / SDH, WiMax / WiLan, Server & Storage, Ethernet / LAN / WAN, Optical Modules, Clock & Data Recovery, FPGA / ASIC, Backplanes / GPON
ISM73		7 x 5	1.9	10 MHz	1500 MHz (250 MHz for LVC MOS)	2.5V 3.3V	LVC MOS, LVPECL, LVDS	Low Noise Ceramic Package 6 Pad	xDSL, Broadcast Video, Wireless Base Stations, Sonet / SDH, WiMax / WiLan, Server & Storage, Ethernet / LAN / WAN, Optical Modules, Clock & Data Recovery, FPGA / ASIC, Backplanes / GPON
ISM74		5 X 3.2	1.4	10 MHz	1500 MHz (250 MHz for LVC MOS)	2.5V 3.3V	LVC MOS, LVPECL, LVDS	Low Noise Ceramic Package 6 Pad	xDSL, Broadcast Video, Wireless Base Stations, Sonet / SDH, WiMax / WiLan, Server & Storage, Ethernet / LAN / WAN, Optical Modules, Clock & Data Recovery, FPGA / ASIC, Backplanes / GPON
Oscillator Leaded Models									
HCOF	MAH	DIP	5.1	1 MHz	160 MHz	3.3V, 5V	TTL, HCMOS, LVHCMOS	4 Pin	Fibre Channel, Server & Storage, Sonet / SDH, 802.11 / Wifi, T1/E1 T3/E3, System Clock
HCOH	MBH	Half Dip	5.1	1 MHz	160 MHz	3.3V, 5V	TTL, HCMOS, LVHCMOS	4 Pin	Fibre Channel, Server & Storage, Sonet / SDH, 802.11 / Wifi, T1/E1 T3/E3, System Clock



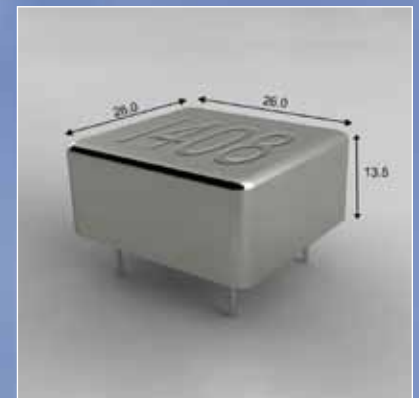
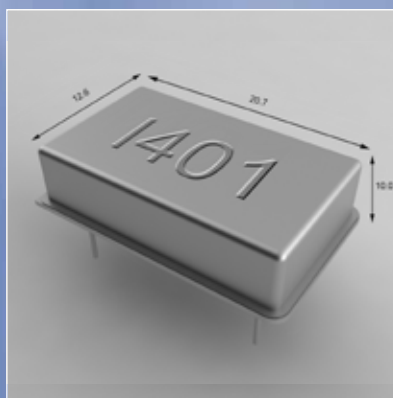
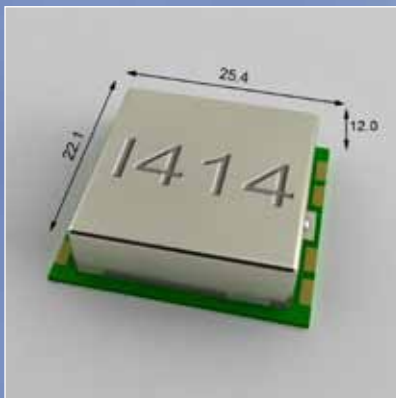
TCXO'S

TCXO / TCVCXO SMD MODELS									
ILSI Series	MMD Series	Size (mm)	Height (mm)	Lowest Frequency	Highest Frequency	Supply VDC	Output Type	Comments	Applications
	MTK	14.8 x 9.2	5.5	10 MHz (75 MHz for LVPECL, LVDS)	1 GHz (200 MHz for HCMOS)	2.5V, 3.3V	HCMOS, LVPECL, LVDS	6 Pad, FR4 Base/Metal Cover, Available Voltage Control	WILAN/WIMAX, Large Scale Equipment
I523 / I723 I524 / I724		11 X 9	3.5	1 MHz (10 MHz for Clipped Sine)	40 MHz	3.3V, 5V	HCMOS, Clipped Sine	6 Pad, FR4 Base/Metal Cover, Available Voltage Control	Server & Storage, Sonet/SDH, 802.11 / Wifi, T1/E1, T3E3, Fibre Channel
I531 / I731	MTDS	7 X 5	2	10 MHz	27 MHz	2.7V, 3.0V, 3.3V, 5V	Clipped Sine	4 Pad Ceramic Available Voltage Control	Base Stations, WILAN/WiMAX/Wifi, Wireless Communication, Mobile Phone
I533 / I733 I534 / I734	MTTAS	5 X 3.2	1.7	8 MHz	40 MHz	2.5V, 2.7V, 3.0V, 3.3V	HCMOS, Clipped Sine	4 Pad Ceramic Available Voltage Control	Server & Storage, Sonet/SDH, 802.11 / Wifi, T1/E1, T3E3, Fibre Channel
I537 / I737 I538 / I738	MTS, MTV	3.2 X 2.5	1.2	8 MHz	40 MHz	2.5V, 2.7V, 3.0V, 3.3V	HCMOS, Clipped Sine	4 Pad Ceramic Available Voltage Control	Server & Storage, Sonet/SDH, 802.11 / Wifi, T1/E1, T3E3, Fibre Channel
I547 / I747		3.2 X 2.5	1.2	10 MHz	52 MHz	1.8V, 2.7V, 3.0V, 3.3V	Clipped Sine	4 Pad Ceramic Available Voltage Control	GPS / GPS Module, CDMA/WCDMA, 802.11 / Wifi, T1/E1, T3E3, Mobile Phone
I583 / I783		2.5 X 2	1.1	19 MHz	40 MHz	1.8V, 2.7V, 2.8V, 3.0V, 3.3V	Clipped Sine	4 Pad Ceramic Available Voltage Control	Server & Storage, CDMA/WCDMA, 802.11 / Wifi, T1/E1, T3E3
I587		2.5 X 2	1.1	16 MHz	26 MHz	1.8V, 2.7V, 2.8V, 3.0V, 3.3V	Clipped Sine	4 Pad Ceramic Available Voltage Control	GPS / GPS Module, CDMA/WCDMA, 802.11 / Wifi, T1/E1, T3E3, Mobile Phone
TCXO / TCVCXO Leaded MODELS									
I121 / I321 I122 / I322	MTB	Full Size Dip	5.8	1 MHz (9.6 MHz for Clipped Sine)	40 MHz	3.3V, 5V	HCMOS, Clipped Sine	4 Pin Metal Available Voltage Control	Base Station, IP, WiMax / WiLan



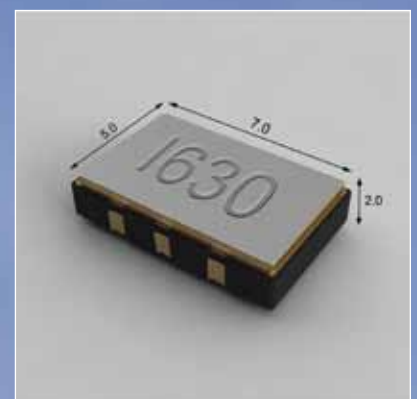
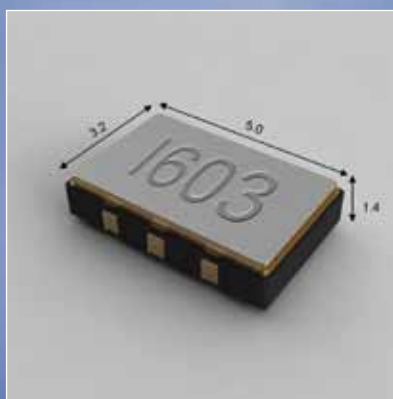
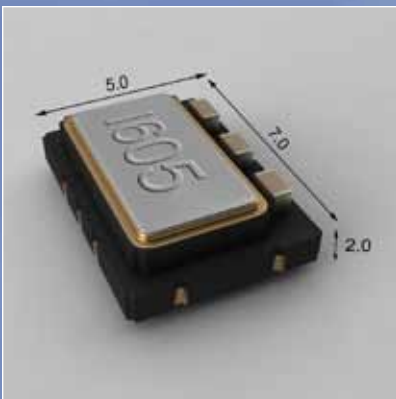
OCXO'S

OCXO SMD Models									
ILSI Series	MMD Series	Size (mm)	Height (mm)	Lowest Frequency	Highest Frequency	Supply VDC	Output Type	Comments	Applications
I414		25.4 x 22.1	12	10 MHz	20 MHz	3.3V	HCMOS, Sine Wave	7 Pad FR4 Ask for available frequencies	Telecom, Data Communications, Instrumentation, Test & Measurement
	MOG	25.4 x 22.1	13.2	5 MHz	250 MHz	3.3V, 5V, 12V	HCMOS, Sine Wave	5 Pad FR4 Base Available Voltage Control	SDH/Sonet, Telecom Base Station, Test & Measurement, Synthesizer, Digital Switch, Reference Timing Circuit
OCXO Leaded Models									
I401	MOF	Full Size Dip	10	1 MHz	150 MHz	3.3V, 5V, 12V	HCMOS, Sine Wave, TTL	4 Pin Metal Available Voltage Control	Telecom, Data Communications, Instrumentation, Test & Measurement
I405	MOEH, MOEZ	36 X 27 (Euro)	19.5	1 MHz	150 MHz	3.3V, 5V, 12V	HCMOS, Sine Wave, TTL	5 Pin Metal Available Voltage Control	Base Stations & RF Sources, GPS Locking
I408		26 X 26	13.5	1 MHz	150 MHz	3.3V, 5V, 12V	HCMOS, Sine Wave, TTL	5 Pin Metal Available Voltage Control	SDH/Sonet, Telecom Base Station, Test & Measurement, Reference Timing Circuit
	MOAH, MOAZ	25.4 X 25.4	14.11	1 MHz	150 MHz	3.3V, 5V, 12V	HCMOS, Sine Wave	5 Pin Metal Available Voltage Control	SDH/Sonet, Telecom Base Station, Test & Measurement, Reference Timing Circuit
I411		20.5 X 20.5	10.5	1 MHz	150 MHz	3.3V, 5V, 12V	HCMOS, Sine Wave	5 Pin Metal Available Voltage Control	Base Station and Wireless Communication
I416		25.7 X 25.7	13	10 MHz	30 MHz	5V, 12V	Sine Wave	5 Pin Metal Low Noise, Low Power Available V/C	Telecom, Data Communications, Instrumentation, Test & Measurement



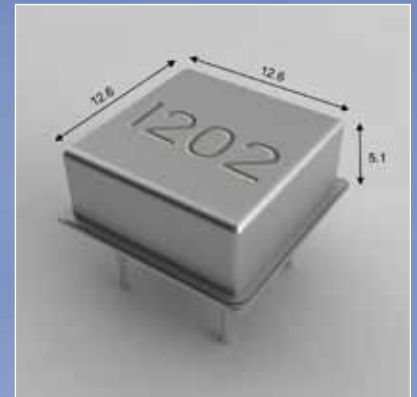
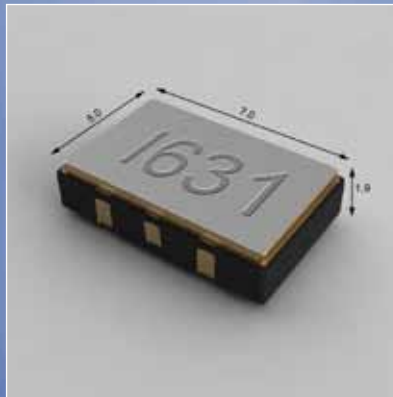
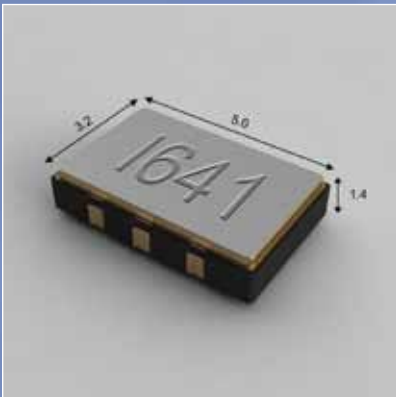
VCXO'S

VCXO SMD Models									
ILSI Series	MMD Series	Size (mm)	Height (mm)	Lowest Frequency	Highest Frequency	Supply VDC	Output Type	Comments	Applications
I605	MVIH	7 X 5	2	1 MHz	180 MHz	2.5V, 3.3V, 5V	HCMOS	Low Noise Ceramic Package 6 Pad	SD/HD Video, Wireless Base Stations, Sonet / SDH, VoIP, T1/E1, T3/E3
	MVKH	14.7 X 10.2	6.1	1.544 MHz	180 MHz	2.5V, 3.3V, 5V	HCMOS	4 Pad FR4	SD/HD Video, Wireless Base Stations, Sonet / SDH, VoIP, T1/E1, T3/E3
	MVK	14.7 X 10.2	6.1	70 MHz	800 MHz	2.5V, 3.3V	LVPECL, LVDS	FR4 6 Pad Less than 1 pSec jitter	Fibre Channel, Gigabit Ethernet, Serial ATA, PCI Express, Sonet / SDH, Base Stations
I606		14.3 X 10.2	6	1 MHz	180 MHz	3.3V	LVPECL LVDS	Low Noise FR4 Package 6 Pad	SD/HD Video, Wireless Base Stations, Sonet / SDH, Server & Storage
I616		14.3 X 10.2	6	180 MHz	750 MHz	3.3V	LVPECL LVDS	PLL	SD/HD Video, Wireless Base Stations, Sonet / SDH, Server & Storage
I607		7 X 5	2	1 MHz	77.76MHz	3.3V	LVPECL LVDS	Low Noise Ceramic Package 6 Pad	SD/HD Video, Wireless Base Stations, Sonet / SDH, Server & Storage
I617	MVIL	7 X 5	2	70 MHz	800 MHz	2.5V, 3.3V	LVPECL LVDS	Ceramic Package 6 Pad	SD/HD Video, Wireless Base Stations, Sonet / SDH, Server & Storage
I603	MVUH	5 X 3.2	1.4	1 MHz	77.76 MHz	2.5V 3.3V, 5V	HCMOS	Low Noise Ceramic Package 6 Pad	SD/HD Video, Wireless Base Stations, Sonet / SDH, VoIP, T1/E1, T3/E3
I604		5 X 3.2	1.4	77.76 MHz	200 MHz	2.5V 3.3V, 5V	HCMOS	Ceramic Package 6 Pad	SD/HD Video, Wireless Base Stations, Sonet / SDH, VoIP, T1/E1, T3/E3
I630	MVQI	7 X 5	2	10 MHz	1500 MHz (250 MHz for LVCMOS)	2.5V, 3.3V	LVC MOS, LVPECL, LVDS	Ceramic Package 6 Pad	xDSL, Broadcast Video, Wireless Base Stations, Sonet / SDH, WiMax / WiLan, Server & Storage, Ethernet / LAN / WAN, Optical Modules, Clock & Data Recovery, FPGA / ASIC, Backplanes / GPON



VCXO'S

VCXO SMD Models									
ILSI Series	MMD Series	Size (mm)	Height (mm)	Lowest Frequency	Highest Frequency	Supply VDC	Output Type	Comments	Applications
I640		5 X 3.2	1.4	10 MHz	1500 MHz (250 MHz for LVC MOS)	2.5V, 3.3V	LVC MOS, LVPECL, LVDS	Ceramic Package 6 Pad	xDSL, Broadcast Video, Wireless Base Stations, Sonet / SDH, WiMax / WiLan, Server & Storage, Ethernet / LAN / WAN, Optical Modules, Clock & Data Recovery, FPGA / ASIC, Backplanes / GPON
I641		5 X 3.2	1.4	10 MHz	1500 MHz (250 MHz for LVC MOS)	2.5V, 3.3V	LVC MOS, LVPECL, LVDS	Low Noise Ceramic Package 6 Pad	xDSL, Broadcast Video, Wireless Base Stations, Sonet / SDH, WiMax / WiLan, Server & Storage, Ethernet / LAN / WAN, Optical Modules, Clock & Data Recovery, FPGA / ASIC, Backplanes / GPON
I631		7 X 5	1.9	10 MHz	1500 MHz (250 MHz for LVC MOS)	2.5V, 3.3V	LVC MOS, LVPECL, LVDS	Low Noise Ceramic Package 6 Pad	xDSL, Broadcast Video, Wireless Base Stations, Sonet / SDH, WiMax / WiLan, Server & Storage, Ethernet / LAN / WAN, Optical Modules, Clock & Data Recovery, FPGA / ASIC, Backplanes / GPON
VCXO Leaded Models									
I212 / I213		DIP and Half DIP	5.1	1 MHz	51.84 MHz	3.3V, 5V	HCMOS, LVHCMOS	Low Noise 4 Pin	Server & Storage, Sonet / SDH, 802.11 / Wifi, T1/E1, T3/E3
	MVAH, MVBH	DIP and Half DIP	5.08	1 MHz	220 MHz	2.5V, 3.3V, 5V	HCMOS	4 Pin	Server & Storage, Sonet / SDH, 802.11 / Wifi, T1/E1, T3/E4
I202 / I203		DIP and Half DIP	5.1	51.84 MHz	170 MHz	3.3V, 5V	HCMOS, LVHCMOS	4 Pin	Server & Storage, Sonet / SDH, 802.11 / Wifi, T1/E1, T3/E5

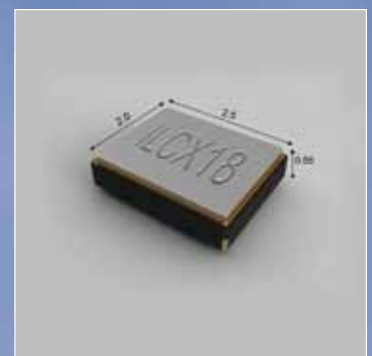
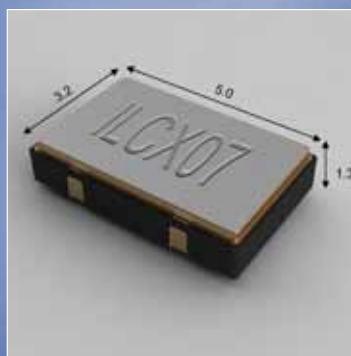


CRYSTALS

Crystal SMD Models							
ILSI Series	MMD Series	Size (mm)	Height (mm)	Lowest Frequency	Highest Frequency	Comments	Applications
HC49USM	D & F	13.3 X 4.7	3.1/3.5/4.5	3.2 MHz	100 MHz	2 Pad Metal with 3rd Pad option	Automotive, Bluetooth, Wireless, Computers, Modems, Communications, Set-Top Box, DECT / WDCT
HC49USM4	N	12.5 X 4.8	4.5/5.2	3.2 MHz	100 MHz	4 Pad Metal	Automotive, Bluetooth, Wireless, Computers, Modems, Communications, Set-Top Box, DECT / WDCT
	DN	7.2 X 4	2.3	12 MHz	40 MHz	2 Pad Metal	Bluetooth, Wireless, Computers, Modems, Communications, Set-Top Box, DECT / WDCT
IL3M	WCSMC	8 X 3.8	2.5	32.768 KHz	Only	4 Pad Plastic	Notebook, Smart Phone, Reference Clocks, Portable Products
IL3R	WC146SM	7 X 1.4	1.5	32.768 KHz	Only	4 Pad Plastic	Notebook Smart Phone Reference Clocks Portable Products
IL3X	WC315	3.2 X 1.5	0.9	32.768 KHz	Only	2 Pad Ceramic	Notebook Smart Phone Reference Clocks Portable Products
	WC415	4.1 X 1.5	0.9	32.768 KHz	Only	2 Pad Ceramic	Notebook Smart Phone Reference Clocks Portable Products
ILCX03	V	5 X 3.2	1.4	10 MHz	100 MHz	2 Pad Ceramic	Automotive, Notebook, Computer Peripherals, Hard Disk, MP3 Player, Audio & Visual
ILCX04	G	7 X 5	1.3	6 MHz	150 MHz	4 Pad Ceramic	Bluetooth, GPS Display, TV, FPD/FTF LCD, Computer Peripherals
ILCX07	J	5 X 3.2	1.3	10 MHz	150 MHz	4 Pad Ceramic	Bluetooth, GPS Display, TV, FPD/FTF LCD, Computer Peripherals
ILCX08	H	6 X 3.5	1.2	8 MHz	100 MHz	4 Pad Ceramic	Automotive, MP3 Player, DECT WLAN
ILCX09	I	6 X 3.5	1.2	8 MHz	100 MHz	2 Pad Ceramic	Automotive, Notebook, Computer Peripherals, Hard Disk, MP3 Player, Audio & Visual
ILCX10		7 X 5	1.3	6 MHz	100 MHz	2 Pad Ceramic	Automotive, Notebook, Computer Peripherals, Hard Disk, MP3 Player, Audio & Visual
ILCX13	T	3.2 X 2.5	0.9	12 MHz	150 MHz	4 Pad Ceramic	Bluetooth, Mobile Phone, Wireless LAN, WiMAX, Hard Disk
ILCX18	X	2.5 X 2	0.55	12 MHz	60 MHz	4 Pad Ceramic	Bluetooth, Mobile Phone, Wireless LAN, Office Automation, Audio & Video
ILCX19		2 X 1.6	0.45	24 MHz	60 MHz	4 Pad Ceramic	Bluetooth, Mobile Phone, Wireless LAN, Office Automation, Audio & Video
ILCX20		1.6 x 1.2	0.4	26 MHz	60 MHz	4 Pad Ceramic	Bluetooth, Mobile Phone, Wireless LAN, Office Automation, Audio & Video

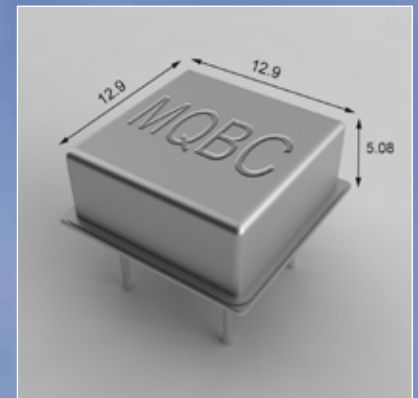
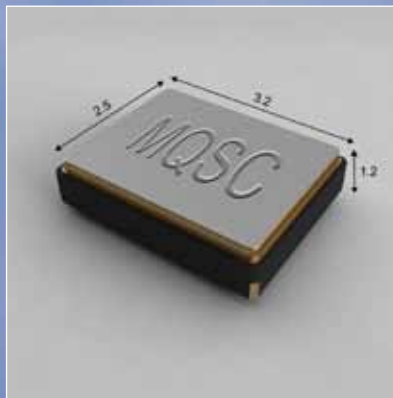
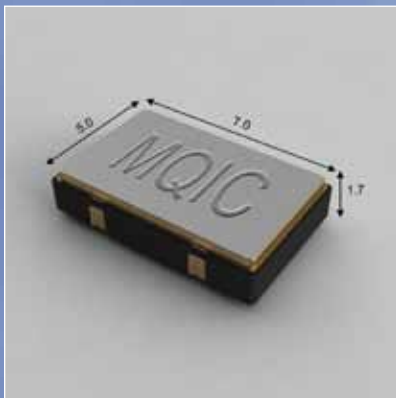
CRYSTALS, RESONATORS & FILTERS

Crystals Leaded Models							
ILSI Series	MMD Series	Size (mm)	Height (mm)	Lowest Frequency	Highest Frequency	Comments	Applications
HC49U	A	11.1 X 4.7	13.45	1.3 MHz	160MHz	2 Lead Metal	Automotive, Bluetooth, Wireless, Computers, Modems, Communications, Set-Top Box, DECT / WDCT
HC49US	B & E	11.1 X 4.7	2.0/2.5/3.5	3.0 MHz	100 MHz	2 Lead Metal	Automotive, Bluetooth, Wireless, Computers, Modems, Communications, Set-Top Box, DECT / WDCT
UM-1/UM-4 UM-5	U	8 X 3.2	8.6/10.3/12.5	7 MHz	160MHz	2 Lead Metal	Automotive, Bluetooth, Wireless, Computers, Modems, Communications, Set-Top Box, DECT / WDCT
	AN	6.5 x 3.95	1.8	12 MHz	40 MHz	2 Lead Metal	Clocks for Microprocessors Consumer Electronics Test Equipment Computer Peripherals
38 / 26 / 15	WC38, WC26,TF308, TF206	8 x 3, 6 x 2, 5 x 1	8, 6.1, 5.1	30 KHz	192 KHz	2 Lead Metal	Notebook, Smart Phone, Reference Clocks, Portable Products
Ceramic Resonator SMD							
ZTTS / ZTAS	MZTTCC, MZTTCS	7.4 X 3.4 4.7 x 4.1	1.6 or 1.8	1.8 MHz	50 MHz	2 and 3 Pads	Remote Controls, Microprocessor Clock, Mobile Phones, DVD & CD-Roms, Electric Appliances, Consumer Electronics
ZTACV / ZTACV	MZTACV, MZTTCV	3.7 X 3.1	1.2	7 MHz	50 MHz	2 and 3 Pads	Remote Controls, Microprocessor Clock, Mobile Phones, DVD & CD-Roms, Electric Appliances, Consumer Electronics
	MZTTCW, MZTACW	2.5 x 2.0	1.2	20 MHz	50 MHz	2 and 3 Pads	Remote Controls, Microprocessor Clock, Mobile Phones, DVD & CD-Roms, Electric Appliances, Consumer Electronics
Ceramic Resonator Leaded							
ZTA / ZTT	MZTA, MZTT	10/8 x 10	5 or 5.5	1.79 MHz	50 MHz	2 and 3 Leads	Microprocessor Clocks, Electric Appliances, Remote Controls, Industrial Controllers, General Timing
Filters							
IXF		8 x 3.2	8	10 MHz	120 MHz	2 Leads	Mobile Communication, Pagers, Phones, Radios



PROGRAMMABLE CLOCK OSCILLATORS

Oscillator SMD Models								
Series	Size (mm)	Height (mm)	Lowest Frequency	Highest Frequency	Supply VDC	Output Type	Comments	Applications
MQIC, MQIT	7 x 5	1.7	1 MHz	150 MHz	3.3V, 5V	CMOS, TTL	Ceramic 4 Pad	Sonet, Ethernet, Storage Area Network, Broadband Access, Microprocessors/ DSP / FPGA, Industrial Controllers, Test & Measurement
MQTC, MQTT	5 x 3.2	1.2	1 MHz	125 MHz	2.5V, 3.3V, 5V	CMOS, TTL	Ceramic 4 Pad	Sonet, Ethernet, Storage Area Network, Broadband Access, Microprocessors/ DSP / FPGA, Industrial Controllers, Test & Measurement
MQSC, MQST	3.2 x 2.5	1.2	1 MHz	125 MHz	2.5V, 3.3V, 5V	CMOS, TTL	Ceramic 4 Pad	Sonet, Ethernet, Storage Area Network, Broadband Access, Microprocessors/ DSP / FPGA, Industrial Controllers, Test & Measurement
Oscillator SMD Models								
MQBC, MQBT	Half Dip	5.08	1 MHz	150 MHz	3.3V, 5V	CMOS, TTL	4 Pin	Sonet, Ethernet, Storage Area Network, Broadband Access, Microprocessors/ DSP / FPGA, Industrial Controllers, Test & Measurement
MQAC, MQAT	Dip	5.08	1 MHz	150 MHz	3.3V, 5V	CMOS, TTL	4 Pin	Sonet, Ethernet, Storage Area Network, Broadband Access, Microprocessors/ DSP / FPGA, Industrial Controllers, Test & Measurement



MILITARY/COTS

ILSI / MMD offers frequency control solutions for Military/COTS, Radiation hardened, and high temperature/shock applications. If you have a specific requirement please contact us at (775) 851-8880.

- MIL STD 883 Group A, B, C testing
- MIL PRF55310 Group A, B, C testing
- Xray per MILSTD 2017.2 two views
- PIND test per MIL STD 2020 condition B
- Class S "Equivalent" products
- Destruct bond pull testing
- HCMOS, LVPECL, LVDS, and TCXO Sinewave outputs available
- Radiation Hardened Products to 20krad SEL
- Operating temp ranges -40+85 deg C and -55+125 deg C available
- Low orbit short mission SATCOMM applications
- Typical packaging 9x14mm M55310 J lead or 5x7mm ceramic smd
- Lead tinning available



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Monitor / Quartztek

HEADQUARTERS:

ILSI America LLC

5458 Louie Lane • Reno, NV 89511

Phone 775.851.8880 • Fax 775.851.8882

email: e-mail@ilsiamerica.com

www.ilsiamerica.com

www.mmdcomp.com

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