

Certificate of Compliance
Standard Oscillator Products
Certificate of Compliance
RoHS (2011/65/EU)* & Amended 2015/863/EU*
REACH (EC/1907/2006)* (REACH-169)

All part families are RoHS with no exemptions and REACH- 169 unless indicated otherwise.

Item/Family Type	Part Number (Note 1)	New Part Number (Note 2)	Description
XO's (Fixed-frequency Oscillators)			
VCA1 XO(F-type)	VCA1/3 FXXXXX	VC-401	Full DIP metal can
VCA3 XO	VCA3	VC-402,VC-403,VC-404	Full DIP metal Can
VCB XO(H-type)	VCB1/2 HXXXXX	VC-420 VC-421	Half-DIP metal
VCC1 (C-type)	VCC1 CXXXXX		Leadless ceramic
VPC (Prog. XO)	VPC VPC1	VP-700	Leadless ceramic
VCE XO	VCE		Molded SMT
VCC6 XO	VCC6-XXX	VC-706,VC-707,VC-708, VC-709	Leadless ceramic SMD
VCC4 XO	VCC4-XXX	VC-801, VC-806	Leadless ceramic SMD
VCD2	VCD2-XXX	VC-501,VC-502,VC-503	
VMP1		VM-821	Plastic leadless
VMP2		VM-801	Plastic leadless
VMP3		VM-701	Plastic leadless
VCS3	VCS3-XX	VL-821	Leadless ceramic SMD
VCS6	VCS6-XX	VL-701	
VCC6 XO	VCC6-XXX	VC-706,VC-707,VC-708, VC-709	Leadless ceramic SMD
VCJ5		VC-506	
VC-820 VC-826 VC-840			Leadless ceramic SMD
Crystals			
VXA Xtal	VXA1 VXA4 VXA7		HC-49U/HC-49US leaded
VXB Xtal	VXB1 VXB2		SMD with adapter
VXM Xtal	VXM1 VXM2 VXM4 VXM5 VXM7 VXM8 VXM9		Leadless ceramic SMD

VXE Xtal	VXE2, VXE3, VXE4, VXE6		Leadless ceramic SMD
VXC Xtal	VXC1 VXC4		Leadless ceramic SMD
VXD Xtal	VXD1		Leadless ceramic SMD
VCXO (Voltage controlled crystal oscillators)			
VVC VCXO	VVC1-XXX VVC2-XXX	VV-701	Leadless ceramic SMD
VVA1/VVA2 VCXO		VV-401	Leadless ceramic SMD
VVA3 VCXO		VVA3	Leadless ceramic SMD
VVD1 VCXO		VV-501	Leadless ceramic SMD
VVD2 VCXO		VV-501	Leadless ceramic SMD
		VV-800	Leadless ceramic SMD
		VX-705	
		VX-805	Leadless ceramic SMD
TCXOs(Temperature Compensated oscillators)			
VTC	VTC1 VTC2 VTC4	VT-700 VT-701 VT-702 VT-704 VT-706 VT-800 VT-802 VT-803 VT-804 VT-822 VT-840 VT-841 VT-860	Leadless ceramic SMD
TCXO	VTB1 VTB2 VTB4 VTD3 OSC-3A	VT-421 VT-422 VT-423 VT-501 VT-490	Discrete Leadless PCB/cover SMD RoHS compliant with exemption 7C-I
TCXO	VTA1 VTA2 VTA7 T1100 T1150	VT-401 VT-402 VT-403 T1100 T1150	Full-size metal DIP with thru-hole leads RoHS compliant with exemption 7C-I
VTM3	VT-820		
MEMS(oscillators: XO, VCXO, TCXO)			
MO MV HT-MM900		MO-9000A MO-9100A MO-9150A MO-9200A MO-9250A MV-9300A MV-9350A MV-9300A MV-9400A MV-9450A HT-MM900A MT-9560A	leadless molded encapsulated

SO (SAW oscillators)			
VS-702			SMD Ceramic
PS-702			SMD Ceramic
Frequency Translator/Clock Recovery Unit			
CD-700			SMD ceramic
FX-700			SMD ceramic

Note 1: Typical part number for the family.

Note 2: VI has adopted new global part numbering scheme. This is just a naming convention change and not change to the product so the RoHS declaration is still valid for both old and new numbers.

**And any associated supplementary EC directives*

This document certifies that the component(s)/part number(s) as stated below and manufactured and/or supplied by Vectron International, are in compliance with Directive 2011/65/EU and amended Directive 2015/863/EU on the Restriction of the use of certain Hazardous Substances in Electrical and Electronics Equipment (RoHS Directives) and REACH directive. The stated component(s)/part number(s) are deemed as compliant according to the definitions of the levels of the restricted/hazardous substances given in the directives as below and permissible exemptions(s).

Restricted Substances	limit	Directive
Lead	0.1% (1000 ppm)	2011/65/EU
Cadmium	0.01% (100 ppm)	
Mercury	0.1% (1000 ppm)	
Hexavalent Chromium	0.1% (1000 ppm)	
PBBs	0.1% (1000 ppm)	
PBDEs	0.1% (1000 ppm)	
Bis (2-ethylhexyl) phthalate (DEHP)	0.1% (1000 ppm)	2015/863/EU
Butyl benzyl phthalate (BBP)	0.1% (1000 ppm)	
Dibutyl phthalate (DBP)	0.1% (1000 ppm)	
Diisobutyl phthalate (DIBP)	0.1% (1000 ppm)	

This document also certifies that the materials declaration as being provided by Vectron International is accurate to the best of its knowledge based on laboratory analysis, and/or engineering analysis, and/or supplier data. However Vectron assumes no liability as a result of the use of the information being provided.



Ram J. Arvikar
Dir. Global Quality & Compliance
Vectron International