

# UMX-1478-D16-G

#### **UMX-1478-D16-G Information**

Heisener.com	Part Number Manufacturer Category Description Package	UMX-1478-D16-G RFMD Crystals, Oscillators, Resonators VCOs (Voltage Controlled Oscillators) VCO 4510MHZ 0.5-4.5V 12.7X12.7MM 16-QFN, Variant For the pricing/inventory/lead time, please contact	
For Reference Only		us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

## **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



# UMX-1478-D16-G Specifications

ManufacturerRFMDCategoryCrystals, Oscillators, ResonatorsVCOs (Voltage Controlled Oscillators)Package16-QFN, VariantSeriesUMXFrequency Range4460MHz ~ 4560MHzFrequency - Center4510MHzVoltage - Supply4.75VTuning Voltage (VDC)0.5V ~ 4.5V2nd Harmonic, Typ (dBc)24mA (Typ)Pushing (MHz/V)31Power (dBm)-107Phase Noise Typ (dBc/Hz)107Operating Temperature6-QFN, VariantPackage / Case16-QFN, VariantSize / Dimension5.00" L x 0.500" W (12.70mm x 12.70mm)		
CategoryCrystals, Oscillators, ResonatorsVCOs (Voltage Controlled Oscillators)Package16-QFN, VariantSeriesUMXFrequency Range4460MHz ~ 4560MHzFrequency Center4510MHzVoltage - Supply4.75VVoltage (VDC)0.5V ~ 4.5V2nd Harmonic, Typ (dBc)-20Pushing (MHz/V)31Power (dBm)-Power (dBm)-107Operating Temperature6-QFN, VariantSize / Dimension16-QFN, VariantSize / Dimension5.00" L x 0.500" W (12.70mm x 12.70mm)	Manufacturer Part Number	UMX-1478-D16-G
VCOs (Voltage Controlled Oscillators)     Package   16-QFN, Variant     Series   UMX     Frequency Range   4460MHz ~ 4560MHz     Frequency Center   4510MHz     Voltage - Supply   4.75V     Tuning Voltage (VDC)   0.5V ~ 4.5V     2nd Harmonic, Typ (dBc)   -20     Vertor (dBm)   31     Power (dBm)   -107     Operating Temperature   -107     Package / Case   16-QFN, Variant     Size / Dimension   0.500" L x 0.500" W (12.70mm x 12.70mm)	Manufacturer	RFMD
Package   16-QFN, Variant     Series   UMX     Frequency Range   4460MHz ~ 4560MHz     Frequency - Center   4510MHz     Voltage - Supply   4.75V     Voltage (VDC)   0.5V ~ 4.5V     2nd Harmonic, Typ (dBc)   -20     Icc Max   24mA (Typ)     Pushing (MHz/V)   31     Power (dBm)   -107     Operating Temperature   -     Package / Case   16-QFN, Variant     Size / Dimension   0.500" L x 0.500" W (12.70mm x 12.70mm)	Category	Crystals, Oscillators, Resonators
Series   UMX     Frequency Range   4460MHz ~ 4560MHz     Frequency - Center   4510MHz     Voltage - Supply   4.75V     Voltage (VDC)   0.5V ~ 4.5V     2nd Harmonic, Typ (dBc)   -20     Lec Max   24mA (Typ)     Pushing (MHz/V)   31     Power (dBm)   -     Phase Noise Typ (dBc/Hz)   -107     Operating Temperature   -     Package / Case   16-QFN, Variant     Size / Dimension   0.500" L x 0.500" W (12.70mm x 12.70mm)		VCOs (Voltage Controlled Oscillators)
Frequency Range   4460MHz ~ 4560MHz     Frequency - Center   4510MHz     Voltage - Supply   4.75V     Tuning Voltage (VDC)   0.5V ~ 4.5V     2nd Harmonic, Typ (dBc)   -20     Icc Max   24mA (Typ)     Pushing (MHz/V)   31     Power (dBm)   -0     Phase Noise Typ (dBc/Hz)   -107     Operating Temperature   -     Package / Case   16-QFN, Variant     Size / Dimension   0.500" L x 0.500" W (12.70mm x 12.70mm)	Package	16-QFN, Variant
Frequency - Center   4510MHz     Voltage - Supply   4.75V     Tuning Voltage (VDC)   0.5V ~ 4.5V     2nd Harmonic, Typ (dBc)   -20     Icc Max   24mA (Typ)     Pushing (MHz/V)   31     Power (dBm)   -     Phase Noise Typ (dBc/Hz)   -107     Operating Temperature   -     Package / Case   16-QFN, Variant     Size / Dimension   0.500" L x 0.500" W (12.70mm x 12.70mm)	Series	UMX
Voltage - Supply   4.75V     Tuning Voltage (VDC)   0.5V ~ 4.5V     2nd Harmonic, Typ (dBc)   -20     Lec Max   24mA (Typ)     Pushing (MHz/V)   31     Power (dBm)   -     Phase Noise Typ (dBc/Hz)   -107     Operating Temperature   -     Package / Case   16-QFN, Variant     Size / Dimension   0.500" L x 0.500" W (12.70mm x 12.70mm)	Frequency Range	4460MHz ~ 4560MHz
Tuning Voltage (VDC) 0.5V ~ 4.5V   2nd Harmonic, Typ (dBc) -20   Icc Max 24mA (Typ)   Pushing (MHz/V) 31   Power (dBm) -   Phase Noise Typ (dBc/Hz) -107   Operating Temperature -   Package / Case 16-QFN, Variant   Size / Dimension 0.500" L x 0.500" W (12.70mm x 12.70mm)	Frequency - Center	4510MHz
2nd Harmonic, Typ (dBc)-20Icc Max24mA (Typ)Pushing (MHz/V)31Power (dBm)-Phase Noise Typ (dBc/Hz)-107Operating Temperature-Package / Case16-QFN, VariantSize / Dimension0.500" L x 0.500" W (12.70mm x 12.70mm)	Voltage - Supply	4.75V
Icc Max   24mA (Typ)     Pushing (MHz/V)   31     Power (dBm)   -     Phase Noise Typ (dBc/Hz)   -107     Operating Temperature   -     Package / Case   16-QFN, Variant     Size / Dimension   0.500" L x 0.500" W (12.70mm x 12.70mm)	Tuning Voltage (VDC)	0.5V ~ 4.5V
Pushing (MHz/V)   31     Power (dBm)   -     Phase Noise Typ (dBc/Hz)   -107     Operating Temperature   -     Package / Case   16-QFN, Variant     Size / Dimension   0.500" L x 0.500" W (12.70mm x 12.70mm)	2nd Harmonic, Typ (dBc)	-20
Power (dBm)-Phase Noise Typ (dBc/Hz)-107Operating Temperature-Package / Case16-QFN, VariantSize / Dimension0.500" L x 0.500" W (12.70mm x 12.70mm)	Icc Max	24mA (Typ)
Phase Noise Typ (dBc/Hz)-107Operating Temperature-Package / Case16-QFN, VariantSize / Dimension0.500" L x 0.500" W (12.70mm x 12.70mm)	Pushing (MHz/V)	31
Operating Temperature-Package / Case16-QFN, VariantSize / Dimension0.500" L x 0.500" W (12.70mm x 12.70mm)	Power (dBm)	-
Package / Case   16-QFN, Variant     Size / Dimension   0.500" L x 0.500" W (12.70mm x 12.70mm)	Phase Noise Typ (dBc/Hz)	-107
Size / Dimension   0.500" L x 0.500" W (12.70mm x 12.70mm)	Operating Temperature	-
	Package / Case	16-QFN, Variant
Height 0.220" (5.60mm)	Size / Dimension	0.500" L x 0.500" W (12.70mm x 12.70mm)
	Height	0.220" (5.60mm)
Report errors?		Report errors?

#### UMX-1478-D16-G Guarantees



Quality Guarantees

We provide 90 days warranty. \* If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.

# SERVICE BUARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

#### UMX-1478-D16-G Payment Methods



### UMX-1478-D16-G Shipping Methods



If you have any question about UMX-1478-D16-G, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com