TXM-418-KH3 ✔ ACTIVE

TE Internal #: TXM-418-KH3

TE Internal Description: Module KH3 418MHz AM OOK TX XMTR

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Connectors > RF Connectors > RF Modules > Radio Modules

Radio Module Product Type: **RF Module**

Interconnection Type: **Parallel**

Operating Frequency Range: **418 MHz**

Operating Voltage: **5.2 VDC**

Operating Temperature Range: **-30 – 40 °C [-22 – 104 °F]**

Features

Product Type Features

Radio Module Product Type	RF Module
Radio Type	Transmitter

Configuration Features

Remote Interface	1 - 8 Buttons

Electrical Characteristics

Operating Voltage	5.2 VDC
TX Current	2.7 mA
Power Down Current (Max)	1 µA

Signal Characteristics

Operating Frequency Range	418 MHz
Number of Channels	1

Body Features

Interconnection Type	Parallel

Dimensions

Product Width	16 mm[.63 in]
Product Length	30.73 mm[1.21 in]

Usage Conditions

Operating Temperature Range	-30 – 40 °C[-22 – 104 °F]

Line of Sight Distance	1000 m[3000 ft]

Operation/Application

Wireless Data Type	Encoded
Modulation	OOK
TX Power	4 dBm

Industry Standards

Module Security	None
Module Protocol	HT
Regulatory Type	None

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked.Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

TE Part # RXM-418-KH3
Module KH3 418MHz AM OOK RX RCVR

Customers Also Bought

TE Part #5-103673-9
10 MTE HDR SRRA LATCH W/HLDWN

TE Part #643430-1
15P UMNL HDR ASSY POL 94VO

TE Part #9-1879354-3
RR03 5% 2K2 AMMO

TE Part #1879355-2
RR03 5% 4K7 AMMO

TE Part #6609963-5
PS0SSDBX0=C5619

TE Part #ANT-418-MHW-RPS-S
Antenna 418MHz Dipole MHW Short RPS

TE Part #ANT-433-MHW-RPS-S
Antenna 433MHz Dipole MHW Short RPS

TE Part #CONREVSMA007
RP-SMA Plug 50 Ohm Cable Crimp

TE Part #CONREVSMA012
RP-SMA RA Plug 50 Ohm PCB Cable Crimp

TE Part #RXM-418-KH3
Module KH3 418MHz AM OOK RX RCVR

Documents

Product Drawings

Module KH3 418MHz AM OOK TX XMTR

English

Datasheets & Catalog Pages

KH3 Series Transmitter Module

English