

LICAL-ENC-MS001

✓ ACTIVE

TE Internal #: LICAL-ENC-MS001

Remote Control, Parallel Interconnect, 2.4 – 28.8 Kb/s Data Rate, 5 VDC

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Connectors > RF Connectors > RF Modules > Radio Modules



Radio Module Product Type: **Remote Control**

Interconnection Type: **Parallel**

Interface Data Rate: **2.4 – 28.8 Kb/s**

Operating Voltage: **5 VDC**

Operating Temperature Range: **-40 – 85 °C [-40 – 185 °F]**

Features

Product Type Features

Radio Module Product Type	Remote Control
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Electrical Characteristics

Operating Voltage	5 VDC
TX Current	.67 mA
RX Current	.67 mA
Power Down Current (Max)	.2 µA

Signal Characteristics

Interface Data Rate	2.4 – 28.8 Kb/s
RF Data Rate	2.4 – 28.8 Kb/s

Body Features

Interconnection Type	Parallel
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Dimensions

Product Width	7.85 mm[.31 in]
Product Length	7.2 mm[.28 in]

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
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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	Not Yet Reviewed for halogen content
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 # LICAL-DEC-MS001

DECODER MS IC CHIP RC

PROTOCOL T&R

Customers Also Bought



TE Part #6609049-2

3VQ3=F7266 S0



TE Part #1-2176051-8

RLP73N 1J R27 1% 1K RL



TE Part #5536386-5

ASSY,PIN,EUROCARD,TYPE B/2,LEA



TE Part #3-1393237-3

RTE24024F





TE Part #ANT-418-MHW-RPS-L
Antenna 418MHz Dipole MHW Long RPS



TE Part #LICAL-DEC-MS001
DECODER MS IC CHIP RC
PROTOCOL T&R



TE Part #RXM-315-LR
Module LR 315MHz AM OOK RX RCVR



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



TE Part #TXM-418-LR
Module LR 418MHz AM OOK TX XMTR

Documents

Product Drawings
ENCODER MS IC CHIP RC PROTOCOL T&R
English

Datasheets & Catalog Pages
MS Series Remote Control Encoder
English