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FODM1008

Single Channel, DC Sensing Input, Phototransistor Optocoupler In Stretched Body SOP 4-Pin

The FODM100x Series, single channel, DC sensing input, optocoupler consists of one gallium arsenide (GaAs) infrared light emitting diode optically coupled to one phototransistor, in a stretched body SOP 4-pin package. The input-output isolation voltage, VISO, is rated at 5,000 VACRMS

Features

" ≥ 8 mm Creepage and Clearance Distance, and ≥ 0.4 mm Insulation Distance to Achieve Reliable and High Voltage Insulation

Safety and Regulatory Approvals

UL1577, 5,000 VACRMS for 1 min.

DIN_EN/IEC60747-5-5, 890 V_Peak Working Voltage (pending approval)

High Breakdown Collector to Emitter Voltage, BVCEO = 70 V minimum

Extended Industrial Temperature Range, -40 to 110°C

Current Transfer Ratio at IF = 5 mA, VCE = 5 V, TA = 25°C

FODM1007: 80 to 160%

FODM1008: 130 to 260%

FODM1009: 200 to 400%"

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PDF Download FODM1008 Datasheet

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Status/Price/Packing

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Product	Product & Eco Status	Unit Price/ 1K Order	Packing Method Convention	Package Marking Convention*	Qualification Support
FODM1008R2	Full Production ROHS Compliant as of 27-Feb-2006 China RoHS		LSOP 4L - Details 2.0 x 3.8 x 7.5mm, TAPE REEL PDF LSOP 4L Drawing Last Update: May 2016 PDF PKG-LSOP_TNR Packing Drawing Last Update: May 2016	Line 1 N/A	Moisture Sensitivity Level (MSL) 1 Max Reflow Temp 260
FODM1008	Full Production ROHS Compliant as of 27-Feb-2006		LSOP 4L - Details 2.0 x 3.8 x 7.5mm, RAIL	Line 1 N/A	Moisture Sensitivity Level (MSL) 1

Product	Product & Eco Status	Unit Price/ 1K Order	Packing Method Convention	Package Marking Convention*	Qualification Support
	 China RoHS		PDF LSOP 4L Drawing Last Update: May 2016 PDF PKG-LSOP_TNR Packing Drawing Last Update: May 2016		Max Reflow Temp 260

If there is no sample button displayed at the top of the page, please contact one of the Fairchild distributors or your local sales office to obtain samples.

* Click here for further top mark packaging information for FODM1008

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- Motion Tracking
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