Product Overview

MOCD213M: 8-pin SOIC Dual-Channel Phototransistor Output Optocoupler

For complete documentation, see the data sheet.

The MOCD213M device consists of two gallium arsenide infrared emitting diodes optically coupled to two monolithic silicon phototransistor detectors, in a surface mountable, small outline plastic package. It is ideally suited for high density applications and eliminates the need for through-the-board mounting.

Features

- Closely Matched Current Transfer Ratios
- Minimum BV_{CEO} of 70 V Guaranteed
- MOCD207M, MOCD208M
- Minimum BV_{CEO} of 30 V Guaranteed
- MOCD211M, MOCD213M, MOCD217M
- Low LED Input Current Required for Easier Logic Interfacing
- MOCD217M
- Convenient Plastic SOIC-8 Surface Mountable Package Style, with 0.050" Lead Spacing
- Safety and Regulatory Approvals:
- UL1577, 2,500 VAC_{RMS} for 1 Minute

  For more features, see the data sheet

Applications

- Consumer Appliances
- Industrial Motor

Part Electrical Specifications

Product	Compliance	Status	Channels	CTR (Min) (%)	CTR (Max) (%)	CTR tested @ IF (mA)	$V_{CE(sat)}$ (Max) (V)	BV_{CEO} (Min) (V)	BV_{CBO} (Min) (V)	BV_{ECO} (Min) (V)	t_{on} (Max) (µs)	t_{off} (Max) (µs)	V_{ISO} (Min) (V)	T_{OPR} (Min) (°C)	T_{OPR} (Max) (°C)	Package Type
MOCD213M	Pb-free	Active	2	100	-	10	0.4	70	-	7	3	2.8	2500	-40	100	SOIC-8
MOCD213R2M	Pb-free	Active	2	100	-	10	0.4	70	-	7	3	2.8	2500	-40	100	SOIC-8
MOCD213R2VM	Pb-free	Active	2	100	-	10	0.4	70	-	7	3	2.8	2500	-40	100	SOIC-8

For more information please contact your local sales support at www.onsemi.com.

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