

Product Overview

TIL117M: 6-Pin DIP Phototransistor Output Optocoupler

For complete documentation, see the data sheet.

The MOC8100, TIL111 and TIL117 optocouplers consist of a gallium arsenide infrared emitting diode driving a silicon phototransistor in a 6-pin dual in-line package.

Features

- UL recognized (File #E90700)
- VDE recognized (File #94766); (File #102497 for white package)
- Add option V for white package (e.g., TIL111VM)

Applications

- Consumer Appliances
- Industrial Motor

Part Electrical Specifications																	
Product	Pricing (\$/Unit)	Compliance	Status	Channels	CTR (Min) (%)	CTR (Max) (%)	CTR tested @ IF (mA)	V _{CE(sat)} (Max) (V)	BV _{CE} (Min) (V)	BV _{CB} (Min) (V)	BV _{EC} (Min) (V)	t _{on} (Max) (μs)	t _{off} (Max) (μs)	V _{ISO} (Min) (V)	T _{OPR} (Min) (°C)	T _{OPR} (Max) (°C)	Package Type
TIL117M	0.1891	Pb-free non AEC-Q and PPAP	Active	1	50	-	10	0.4	30	70	7			5300	-40	100	PDIP-6
TIL117SR2VM	0.3091	Pb-free non AEC-Q and PPAP	Active				-										PDIP-6
TIL117VM	0.2796	Pb-free non AEC-Q and PPAP	Active	1	50	-	10	0.4	30	70	7			5300	-40	100	PDIP-6

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

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