

SI3462-E01-GM





SILICON LABS

Part Number: [SI3462-E01-GM](#)

Manufacturer: [Energy Micro \(Silicon Labs\)](#)

Description: IC POE/POE PSE SGL PORT 11-QFN

Data sheet:  [SI3462](#)

RoHs Status: Lead free / RoHS Compliant

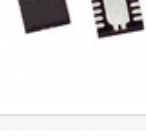
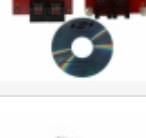
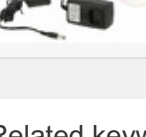
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PRODUCT PARAMETER			
Part Number	SI3462-E01-GM	Manufacturer	Energy Micro (Silicon Labs)
Description	IC POE/POE PSE SGL PORT 11-QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	81854 pcs	Data sheet	SI3462
Category	Integrated Circuits (ICs)	Voltage - Supply	45 V ~ 57 V
Type	Controller (PSE)	Supplier Device Package	11-QFN (3x3)
Standards	802.3at (PoE+), 802.3af (PoE)	Series	-
Power - Max	30W	Packaging	Tray
Package / Case	10-VFDFN Exposed Pad	Operating Temperature	-40°C ~ 85°C
Number of Channels	1	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	8 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Internal Switch(s)	Yes	Detailed Description	Power Over Ethernet Controller 1 Channel 802.3at (PoE+), 802.3af (PoE) 11-QFN (3x3)
Current - Supply	8mA	Base Part Number	SI3462
Auxiliary Sense	No		
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RELATED PRODUCTS			
	Part#: SI3464DV-T1-GE3 Description: MOSFET N-CH 20V 8A 6-TSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI3460DDV-T1-GE3 Description: MOSFET N-CH 20V 7.9A 6-TSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI3462-E01-GMR Description: IC POE/POE PSE SGL PORT 11-QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: SI3473CDV-T1-E3 Description: MOSFET P-CH 12V 8A 6-TSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI3460BDV-T1-GE3 Description: MOSFET N-CH 20V 8A 6-TSOP	Manufacturers: Vishay Siliconix	RFQ
	Part#: SI3461-E02-GM Description: IC POWER MANAGEMENT CTLR 11VQFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: SI3469DV-T1-GE3 Description: MOSFET P-CH 20V 5A 6-TSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI3467DV-T1-E3 Description: MOSFET P-CH 20V 3.8A 6-TSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI3460DV-T1-GE3 Description: MOSFET N-CH 20V 5.1A 6TSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI3467DV-T1-GE3 Description: MOSFET P-CH 20V 3.8A 6-TSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI3460BDV-T1-E3 Description: MOSFET N-CH 20V 8A 6-TSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI3465DV-T1-E3 Description: MOSFET P-CH 20V 3A 6-TSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI3461-E01-GMR Description: IC POWER MANAGEMENT CTLR 11VQFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: SI3461-E01-GM Description: IC POWER MANAGEMENT CTLR 11VQFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: SI3469DV-T1-E3 Description: MOSFET P-CH 20V 5A 6-TSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI3461-KIT Description: BOARD EVAL FOR SI3461	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: SI3465DV-T1-GE3 Description: MOSFET P-CH 20V 3A 6-TSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI3460DV-T1-E3 Description: MOSFET N-CH 20V 5.1A 6TSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI3462-EVB Description: BOARD EVAL POE PSE SGL PORT	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: SI3460-EVB Description: BOARD EVAL POE FOR SI3460	Manufacturers: Energy Micro (Silicon Labs)	RFQ

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