

Image may be representation.
See specifications for product details.



EM2280P01QI

Manufacturer Part Number	EM2280P01QI
Manufacturer	Intel
Allelco Part Number	32D-EM2280P01QI
ECAD Model	Request Free CAD Models
Parts Description	DC DC CONVERTER 0.5-1.3V
Package	152-PowerBFQFN Module
Data sheet	EM2280P01QI Datasheet.pdf
RoHs Status	RoHS Compliant

Get a Quote

EM2280P01QI - Intel.New Original in Stock. Download Linear Technology EM2280P01QI datasheet/specifications on AllelcoElec.com.
Request a quote for EM2280P01QI, please send us email: info@allelco.com

Specifications

EM2280P01QI Tech Specifications
EM2280P01QI - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Package / Case	152-PowerBFQFN Module
Voltage - Output 4	-	Package	Tray
Voltage - Output 3	-	Operating Temperature	-40°C ~ 85°C
Voltage - Output 2	-	Number of Outputs	1
Voltage - Output 1	0.5 ~ 1.3V	Mounting Type	Surface Mount
Voltage - Input (Min)	4.5V	Features	OCP, OTP, UVLO
Voltage - Input (Max)	16V	Efficiency	92%
Type	Non-Isolated PoL Module, Digital	Current - Output (Max)	80A
Supplier Device Package	152-QFN (23x18)	Base Product Number	EM2280
Size / Dimension	0.91" L x 0.71" W x 0.27" H (23.0mm x 18.0mm x 7.0mm)	Applications	ITE (Commercial)
Series	Enpirion®		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EM2280P01QI

Product Attribute				
Part Number	EM2280P01QI	EM2140P01QI	EM2130L01QI	EM2260P01QI
Manufacturer	Intel	Intel	Intel	Intel
Voltage - Output 2	-	-	-	-
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Voltage - Input (Min)	4.5V	4.5V	4.5V	4.5V
Series	Enpirion®	Enpirion® 2140	Enpirion®	Enpirion®
Voltage - Input (Max)	16V	16V	16V	16V
Package / Case	152-PowerBFQFN Module	104-PowerBQFN Module	100-PowerBQFN Module	152-PowerBFQFN Module
Efficiency	92%	90%	90%	88%
Type	Non-Isolated PoL Module, Digital	Non-Isolated PoL Module, Digital	Non-Isolated PoL Module, Digital	Non-Isolated PoL Module, Digital
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Features	OCP, OTP, UVLO	-	-	Remote On/Off, OCP, OTP, UVLO
Voltage - Output 4	-	-	-	-
Voltage - Output 3	-	-	-	-
Number of Outputs	1	1	1	1
Package	Tray	Tray	Tray	Tray
Supplier Device Package	152-QFN (23x18)	100-QFN (17x11)	100-QFN (17x11)	152-QFN (23x18)
Size / Dimension	0.91" L x 0.71" W x 0.27" H (23.0mm x 18.0mm x 7.0mm)	0.67" L x 0.43" W x 0.27" H (17.0mm x 11.0mm x 6.8mm)	0.67" L x 0.43" W x 0.27" H (17.0mm x 11.0mm x 6.8mm)	0.91" L x 0.71" W x 0.19" H (23.0mm x 18.0mm x 4.9mm)
Current - Output (Max)	80A	40A	30A	60A
Base Product Number	EM2280	EM2140	EM2130	EM2260
Voltage - Output 1	0.5 ~ 1.3V	0.7 ~ 1.325V	0.7 ~ 1.325V	0.5 ~ 1.3V
Applications	ITE (Commercial)	ITE (Commercial)	ITE (Commercial)	ITE (Commercial)

EM2280P01QI Datasheet PDF

Download EM2280P01QI pdf datasheets and Intel documentation for EM2280P01QI - Intel.

Datasheets

[EM2280P01QI Datasheet.pdf](#)

PCN Packaging

[Mult Dev Label CHG 24/Jan/2020.pdf](#)

[Mult Dev Label Chgs 24/Feb/2020.pdf](#)

PCN Obsolescence/ EOL

 Mult Dev EOL 17/Sep/2021.pdf

 Mult Dev EOL Update 27/Jan/2022.pdf

 Multi Dev obs 15/Jul/2022.pdf

PCN Assembly/Origin

 EM2yyy 22/Nov/2019.pdf

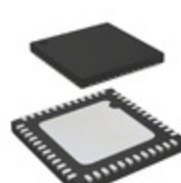








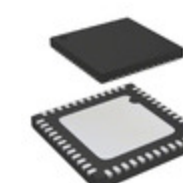








PCN Design/Specification

 Mult Dev BOM Chg 26/Jun/2020.pdf

 Mult Dev Doc Updates 22/May/2020.pdf

Customers Also Interested in

Recommended Products

					
EM250-RTR Silicon Labs IC RF TXRX+MCU 802.15.4 48VDFQFN	EM2140P01QI Intel DC DC CONVERTER 0.7-1.325V	EM2130L01QI Intel DC DC CONVERTER 0.7-1.325V	NO PICTURE	NO PICTURE	EM2260P01QI Intel DC DC CONVERTER 0.5-1.3V
					
EM250R-TR EMER	EM256C08N AUCTOR	EM2286 EM	EM250-RT Silicon Labs IC RF TXRX+MCU 802.15.4 40VDFQFN	EM2120H01QI Intel DC DC CONVERTER 1.325-5V	EM20N03G EMC
					
EM2130L02QI Intel DC DC CONVERTER 0.7-1.325V	EM2130H01QI Intel DC DC CONVERTER 1.35-3.6V	EM2120L01QI Intel DC DC CONVERTER 0.7-1.325V	EM23C512AM-15 VOICE	EM230X EPCOS (TDK)	EM2420-RTR Silicon Labs IC RF TXRX 802.15.4 48QLP

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
 - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

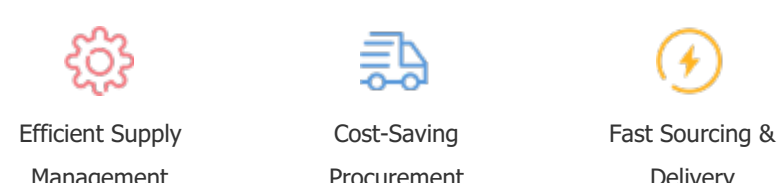
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.

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Email: info@allelco.com

Certifications & Memberships



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