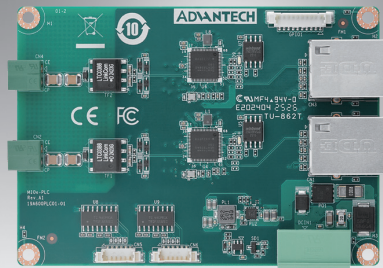


MIOe-PLC

Power Line Communication (PLC) module For Single Board Computer

Preliminary



CE FCC

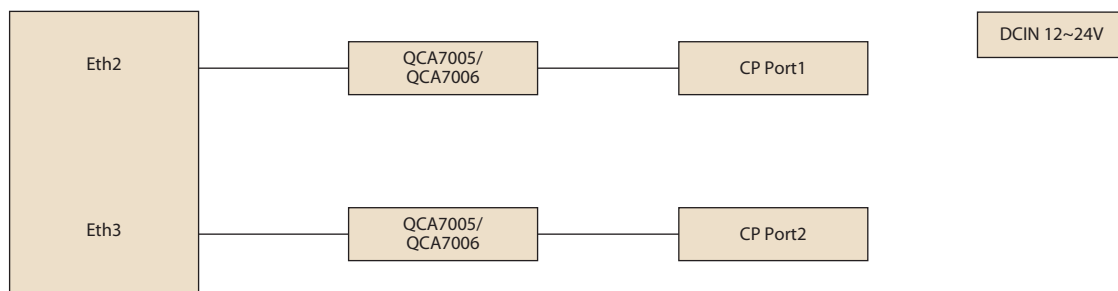
Features

- Dual QCA7006 for EVSE / Charging Station side
- Ethernet Host Interface, SPI Optional
- Extended Operating Temperature -40~85° C

Specifications

Power Line Communication	PLC Controller	2 x QCA7006
	Host Interface	Ethernet 100Mbps, SPI optional (support by request)
Power	Supply Voltage	Vin: DC 12V~24V ± 10%
	Connector	2-pin Phoenix Connector
Environment	Temperature	Operating: Extend: -40 ~ 85° C (-40 ~ 185° F) with 0.7m/s airflow Storage: -40 ~ 85° C (-40 ~ 185° F)
	Humidity	Operating: 40° C @ 95% relative humidity, non-condensing Storage: 60° C @ 95% relative humidity, non-condensing
	Vibration Resistance	3.5 Grms
Certification	EMC	CE, FCC Class B
Mechanical	Dimensions	100 x 72 mm (3.9" x 2.8")

Block Diagram



Ordering Information

Part No.	Support Charge Port	Host Interface	Thermal Solution	Operating Temperature
MIOE-PLC-P1A1	2	Ethernet 100Mbps	N/A	-40 ~ 85° C

Packing List

Part No.	Description	Quantity
	MIOe-PLC module	1

Optional Accessories

Part No.	Description
1700020670-01	M Cable RJ45-8P8C/RJ45-8P8C 30cm
1652002206	PLUG-IN BLOCK 2P 90D(F) DIP MC420-38102ZY DECA