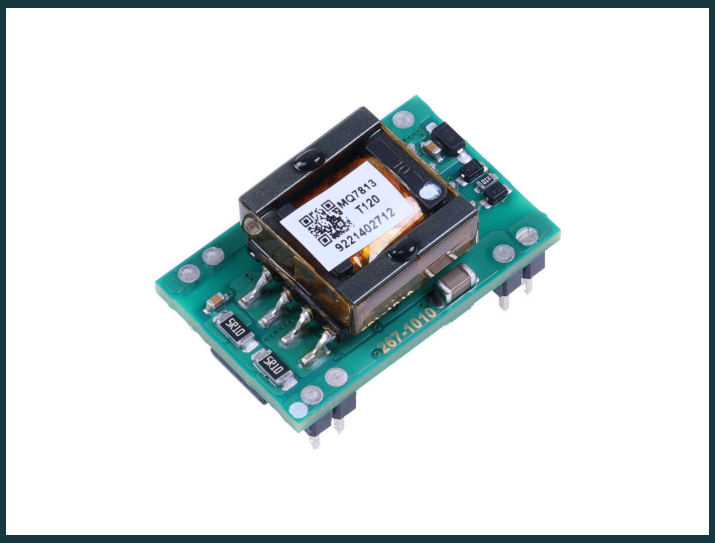
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INDUSTRIAL PRODUCT DATASHEET

MQ7813T120 PoE Module Kit for reTerminal DM & reComputer R1000 Series

The MQ7813 series of modules is designed to be a reliable and efficient power source for small-power applications such as IP cameras, IP phones, industrial sensors, and gatekeepers.

SKU	UPDATED	PRICE
110991925	2026-11-11 09:44:09	$10.00(Excl. VAT)



Overview



The MQ7813 series of modules is designed to be a reliable and efficient power source for small-power applications such as IP cameras, IP phones, industrial sensors, and gatekeepers. It extracts power from a conventional twisted pair Category 5 Ethernet cable and conforms to the IEEE 802.3af Power-over-Ethernet (PoE) standard.

Key Features

01 **Wide operating voltage range**

This power supply has a voltage range of 40V to 57V, providing flexibility for various applications.

02 **Dual output current options**

It offers two output current options, 5V at 2A and 12V at 1.1A, making it suitable for different device power requirements.

03 **Low output voltage ripple**

With a ripple of only 70mVpp (5V at 2A), it ensures stable and reliable output voltage.

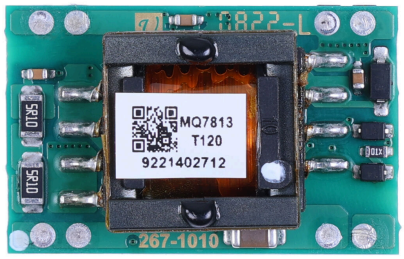
04 **High efficiency**

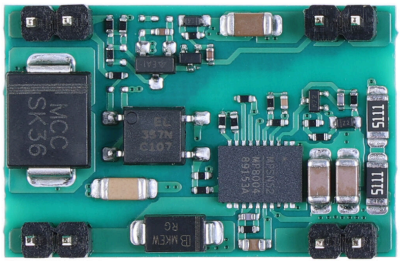
At an input of 48V and a load of 12V at 1.1A, this power supply has an efficiency of 86%, resulting in efficient energy conversion and reduced energy waste.

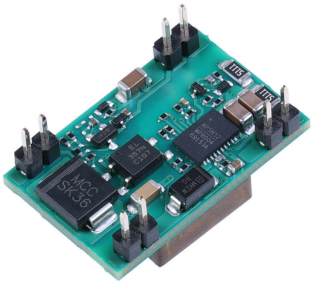
05 **High reliability**

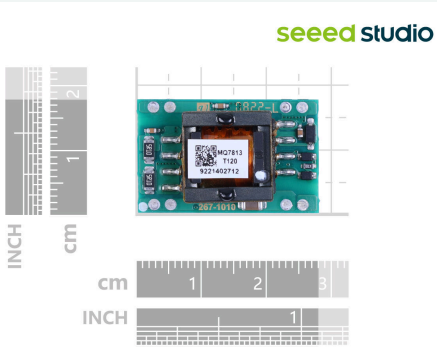
This power supply is designed to meet a 500k hour MTBF, and it has overcurrent/short circuit protection, ensuring long-term stable operation and safe use. It is UL/IEC/EN60950 compliant and has a ROHS compliant option available.

Product Gallery









Applications

- IP Camera
- IP Phone
- Wireless Access Point
- Video Supervisory

Resource Links

- https://www.seeedstudio.com/POE-Module-Kit-for-reTerminal-DM-p-5707.html

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