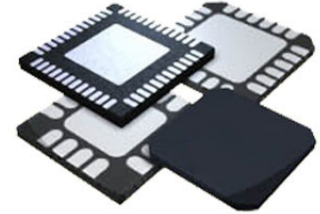


Power Over Ethernet PD Controller 0V 57V 32-Pin QFN EP



Images are for reference only

[Inquiry](#)

Manufacturer: [Microchip Technology, Inc](#)

Package/Case: QFN

Product Type: Power Management ICs

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

General Description

The PD70201 can be used for IEEE802.3af/IEEE802.3at Type 1 applications, and in IEEE802.3at Type 2 applications. A single PD70201 can be used in 4-pair applications which consumes up to 47.7W.Key

Key Features

IEEE802.3af and IEEE802.3at Compliant

Less Than 10 μ A (typical) Offset Current During Detection

Signature Resistor is Disconnected upon Detection

Programmable Classification Setting with a Single Resistor

Integrated 0.6 Ohm Isolating MOSFET Switch With Inrush Current Limit

Power Off DC-DC Input Capacitor Discharge

100 kHz to 500 kHz Adjustable DC-DC Switching Frequency

DC-DC Frequency Can Be Synchronized to External Clock

Supports Low Power Mode Operation for Higher Efficiency 50% Maximum Duty Cycle

Soft-start Circuit to Control The Output Voltage Rise Time

Two out-of-phase driver stages for efficient synchronous rectification or active clamp

PoE Port Input UVLO with Programmable Threshold and Hysteresis

Internal Differential Amplifier Simplifying Non-isolated Step Down Converter

Over Load and Short Circuit Protection

RoHS Compliant & Pb-Free

Recommended For You

PD69012

Microchip Technology, Inc
QFP

PD69008

Microchip Technology, Inc
QFP80

PD69108ILQ-TR

Microchip Technology, Inc
QFN

PD70211

Microchip Technology, Inc
QFN

PD70200ILD-TR

Microchip Technology, Inc
QFN12

TC4468EPD

Microchip Technology, Inc
DIP14

PD69208T4ILQ-TR-LE

Microchip Technology, Inc
QFN

PD69208MILQ-TR-LE

Microchip Technology, Inc
QFN56

PD64004AH

Microchip Technology, Inc
QFN

TC4469CPD

Microchip Technology, Inc
DIP

PD69200C-018818

Microchip Technology, Inc
QFN

PD5036

Microchip Technology, Inc
SOP16

PD69200C-021119

Microchip Technology, Inc
VQFN32

PD64012G

Microchip Technology, Inc
QFP64

PD69104B1ILQ-TR

Microchip Technology, Inc
QFN48