Products & Services

Applications

Ordering

Company Careers

Partners

Support

POWER MANAGEMENT

- ► Drivers, High-Side
- ► FET Drivers, Low-Side
- ▶ Linear Regulators
- ▶ LED Drivers
- ▶ Motor and Fan Controllers
- ▶ Resonant Mode (LLC) Controllers
- ▶ Solar Bypass Devices
- ▶ Supervisory Circuits and Voltage References
- ▶ Switching Regulators
- ▶ Reverse Power Feed (RPF)
- ▶ RPF Powered Device (PD) for Distribution Point Units (DPUs)
- ► RPF Power Sourcing Equipment (PSE) for Customer Premises Equipments (CPEs)
 - PD81001
 - PD81101
 - PD81000
- ▶ Legacy Power Management
- ▶ Smart E-Fuse Devices
- ▶ Space-grade Power Management



Home / Products & Services / Power Management / Reverse Power Feed (RPF) / RPF Power Sourcing Equipment (PSE) for Customer Premises Equipments (CPEs) / PD81000

PD81000

RPF PSE Controller

Resources Parametric Search Ordering Support

The PD81000 RPF PSE controller is used in conjunction with the PD81101 RPF PSE driver for implementers of ETSI TS 101 548-compliant G.FAST residential gateways.

Features

- DPU detection and classification in the presence of MELT signatures, according to ETSI TS 101 548
- · Foreign DC voltage detection
- Off-hook phone detection and line disconnection
- Support signaling indication to DPU through RPF voltage modulation (DGL/ACM/BAT)
- Interrupt output pin for system and port events

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