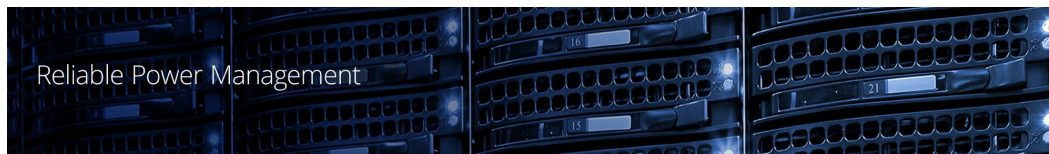


POWER MANAGEMENT

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Reliable Power Management

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PD81000

RPF PSE Controller

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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)
- Programmable I²C address
- Interrupt output pin for system and port events