



POWER MANAGEMENT

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PD82000

RPF DPU Controller

Overview Resources Parametric Search Ordering Support

Microsemi's PD82000 RPF DPU Controller is used in tandem with the PD70224 Ideal Dual Diode Bridge and with the PD70101 or PD70201 RPF PD Interfaces to build a complete multi-channel RPF DPU system.

Features

- I²C communication with DPU host up to 400 kHz
- Up to 16 lines FairPower sharing
- Per line current measurement
- Supports Power Good Status (PGS) and DPU Dying Gasp (DDG) IRQ signals to host
- Per line cable disconnect detection
- Supports Low Power Mode (LPM) to save PSE battery power