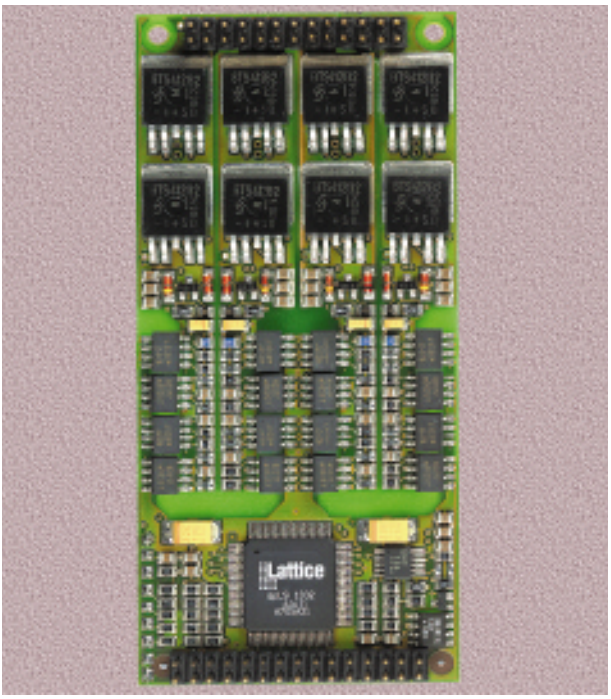
MODPACK ANALOG & DIGITAL I/O

PB-DOUT8

MODPACK with 8-Channel Digital High-Side/Low-Side Output Switches

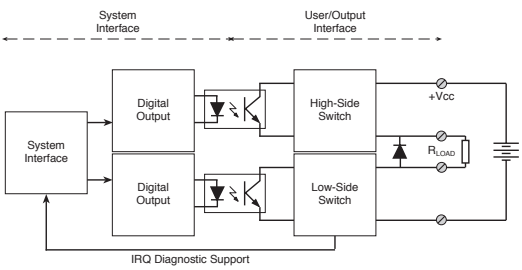


Characteristics

Function:	8 optoisolated digital output channels divided into 4 groups with intelligent common Vcc high-side switches and common GND low-side switches
Output Voltage:	10V..40V DC (24V DC is typical)
Output Current:	1.3A (nominal)
Current Limit:	4A
Output Frequency:	250 Hz at a load of 24V/0.5A 1H
Open Circuit Detect.:	Typically 30µA
Diagnostics:	Switch ON/OFF status Over-temperature Short circuit to GND Short circuit to Vcc Open load Undervoltage detection Overvoltage detection

Common

Isolation:	4000V DC between outputs and system; 700V DC between outputs
Interrupt Character.:	Level or edge sensitive
Power Cons.:	95mA/5V (typ.)
Temp. Ranges:	0°C to +70°C -40°C to +85°C (opt. E2) -55°C to +85°C (storage)
Humidity:	5% to 95% non-condensing



An 8-channel digital output module based on an intelligent 'SMART' power transistor which prevents the circuitry being damaged through overload, over-voltage, short circuit, over-temperature and electrostatic discharge. Divided into 4 groups with each group possessing a common Vcc (up to 40V) and a common GND, each of the 8 channels possesses its own high-side switch and low-side switch. Interrupts can be generated and serviced depending on a variety of SMART Transistor conditions.

Product	Description	Order No.
PB-DOUT8	ModPack based on 'SMART' power transistor technology with 8 optoisolated, galvanically separated outputs for use with PEP's range of dedicated ModPack carrier boards	18275

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