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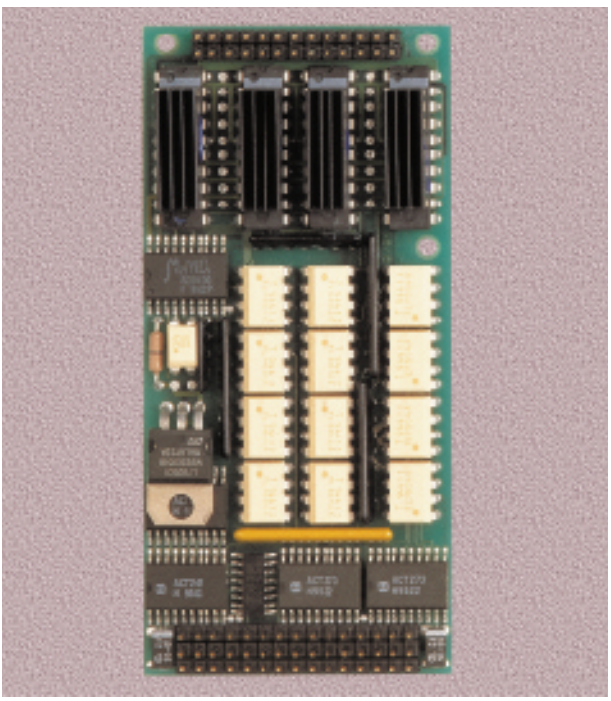
Find the *Kontron PB-DOUT2* at our website: ***Click HERE***

ModPack

MODPACK ANALOG & DIGITAL I/O

PB-DOUT2

16-Channel Optoisolated Digital Output MODPACK



Characteristics

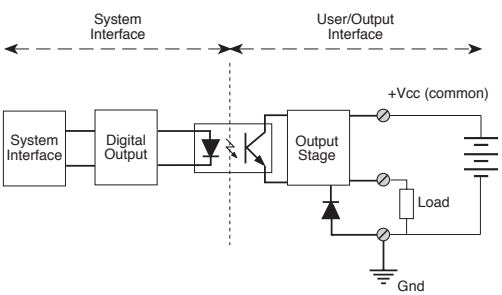
Function:	16 optoisolated digital output channels with intelligent common Vcc high-side switches
Output Voltage:	24V DC (typ.), 28V DC (max.)
Max. Transient Volt.:	80V DC
Output Protection:	Overvoltage (35V DC)
Output Current:	1A per channel (6.0A for all channels)
Max. Transient Cur.:	3.75A per channel
Output Frequency:	20kHz (duty cycle 1:1)
T_{on} Rise-Time:	15µs
T_{off} Fall-Time:	2µs
R_{on} Resistance:	1.3Ω (on-state resistance)

Smart Transistor

Diagnostics:	Switch ON/OFF status Open or shorted load Operating temperature Excessive supply voltage

Common

Isolation:	500V DC between I/O and system
Power Req.:	+5V DC (±5%), 200mA 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



A 16 channel digital output module based around an intelligent "SMART" transistor which prevents the circuitary being damaged through overload or over-heating. High-side switches (common Vcc) are used to power ground referenced loads and provide pro-tection against short circuits and overloading. Additionally, open circuit detection and inductive load protection are built-in features of this versatile piggyback for use with PEP's range of dedicated carrier boards. Circuit diagnostics are available for each group of four outputs to produce systems with intelligent feedback of switch status as well as load fault conditions for troubleshooting purposes.

Product	Description	Order No.
PB-DOUT2	16 channel optoisolated industrial piggyback with intelligent transistor high-side switch outputs capable of supplying 24V loads with up to 1.0A and providing diagnostics, over-voltage, over- temperature and inductive load protection.	**3082**

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PEP Modular Computers®

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Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

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