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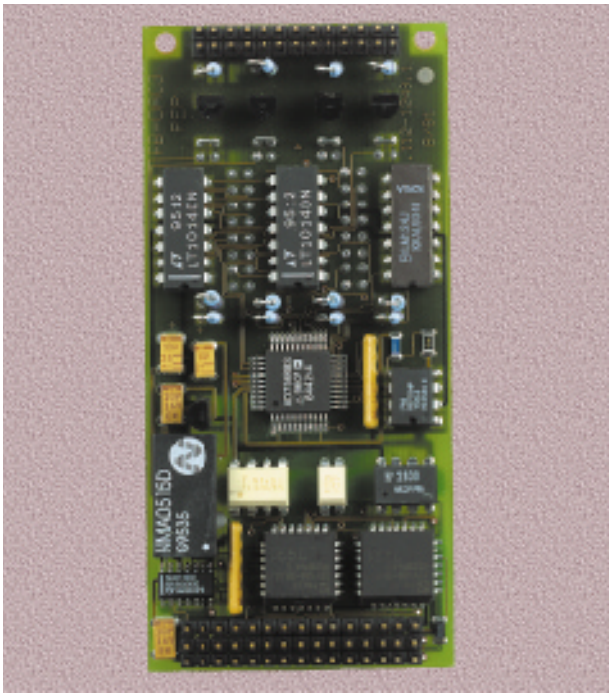
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Find the *Kontron / PEP PB-DAC3* at our website: ***Click HERE***

MODPACK
ANALOG &
DIGITAL
I/O

PB-DAC3

4-Channel Optoisolated 12-bit D/A MODPACK



Characteristics

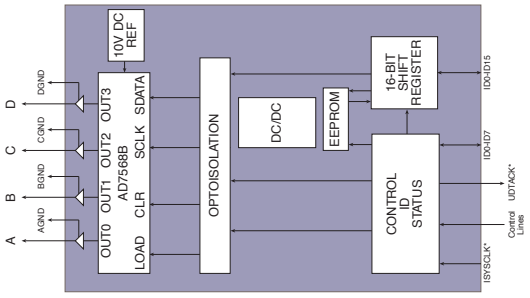
Function:	4 optoisolated outputs
Output Voltage:	0..10V DC, ±10V DC
Output Current:	0..20mA
Output Frequency:	20kHz (max.)

D/A Converter

Resolution:	12-bit (unipolar)
Linearity Error:	±0.75 LSB
Rise Time:	0.4V/µs
Reference Voltage:	0..10V DC (programmable in 2.44mV steps)

Common

Isolation:	500V DC between I/O and system
Power Req.:	+5V DC (±5%), 290mA typ.
Temp. Ranges:	0ºC to +70ºC
	-40ºC to +85ºC (opt. E2)
	-55ºC to +85ºC (storage)
Humidity:	5% to 95% non-condensing



A 4 channel 12-bit optoisolated D/A piggyback for use with PEP's range of dedicated carrier boards. All outputs are independent and galvanically isolated from the system supply. Bipolar or unipolar conversion may be jumper selected and the choice between voltage conversion or current conversion is indicated by the version being ordered.

Stability and linearity are assured across the complete operating temperature range while board specific calibration data remain stored in an on-board 128 byte EEPROM for software gain/offset correction.

Product	Description	Order No.
PB-DAC3	4 channel optoisolated piggyback for analog outputs in the range 0..10V or ±10V for use with PEP's range of dedicated carrier boards	3120
PB-DAC3	4 channel optoisolated piggyback for analog outputs in the range 0..20mA for use with PEP's range of dedicated carrier boards	3121

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Publication Number AB 14347 DS-0298

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