

## TIP550 8 (4) Channels of Isolated 12 bit D/A Conversion

## **Application Information**

The TIP550 is an IndustryPack® compatible module and provides 8 or 4 channels of isolated 12 bit analog outputs. The settling time to 0.01% is  $13\mu$ s typical. The programmable output voltage range is +/-10V or 0-10V selectable by jumper. The isolated DAC and the output buffer are powered by an on board DC/DC converter.

Each TIP550 is factory calibrated. The calibration information is stored in the Identification-PROM unique to each IP.



For First-Time-Buyers the engineering documentation TIP550-ED is recommended. The engineering documentation includes TIP550-DOC, schematics and data sheets.

Driver support (TIP550-SW-xx) for different operating systems is available.

## **Technical Information**

- O Interface according to IndustryPack specification
- O Identification-PROM supports auto-configuration
- O Single Size IndustryPack
- O 8 (4) channels of isolated 12 bit analog output
- Full-scale output range +/-10 V or 0-10V selectable by jumper
- O Factory calibrated, calibration information in Identification-PROM unique to each IP
- Operating temperature -40°C to +85°C



## **Order Information**

TIP550-10 TIP550-11 TIP550-DOC TIP550-ED	8 Channels of Isolated 12 bit Analog Output 4 Channels of Isolated 12 bit Analog Output User Documentation Engineering Documentation, includes TIP550-DOC
TIP550-SW-12	OS-9 Software Support
TIP550-SW-32	pSOS Software Support
TIP550-SW-42	VxWorks Software Support
TIP550-SW-62	Windows NT 4.0 Software Support
TIP550-SW-72	LynxOS Software Support
TIP550-SW-82	LiNUX Software Support
TIP550-SW-92	QNX 4 Software Support
TIP550-SW-95	QNX 6 Software Support

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