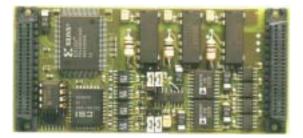


TIP550 8 (4) Channels of Isolated 12 bit D/A Conversion

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 13μ 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.

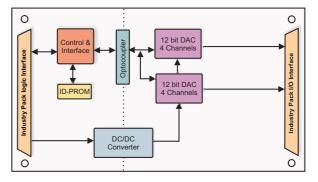


For First-Time-Buyers the engineering documentation TIP550-ED is recommended. The engineering documentation includes TIP550-DOC, schematics and data sheets.

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 |

TEWS TECHNOLOGIES GmbH keeps the right to change technical specification without further notice IndustryPack is a registered trademark of SBS Technologies, Inc.

TEWS TECHNOLOGIES GmbH Am Bahnhof 7

Phone: +49-(0)4101-4058-0 e-mail: info@tews.com 25469 Halstenbek / Germany Fax: +49-(0)4101-4058-19 www.tews.com TEWS TECHNOLOGIES LLC 1 E. Liberty Street, Sixth Floor Phone: +1 (775) 686 6077 e-mail: <u>usasales@tews.com</u>

Reno, Nevada 89504 / USA Fax: +1 (775) 686 6024 www.tews.com

06/2002