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TECHNOLOGY GROUP

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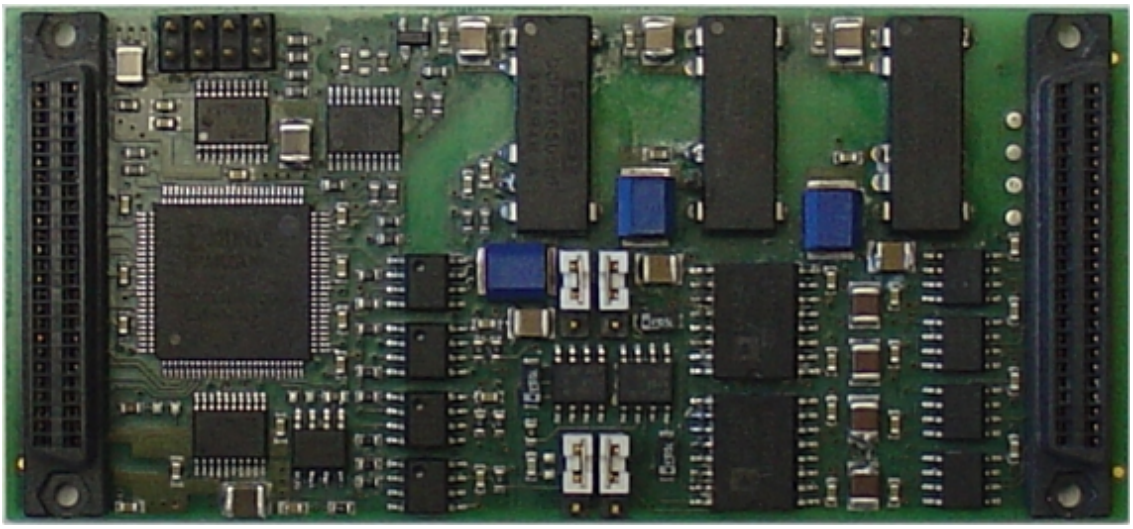
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TIP550 8 (4) Channels of Isolated 12 bit D/A Conversion



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 13µs 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.

Software Support (TIP550-SW-xx) for different operating systems is available.

Technical Information

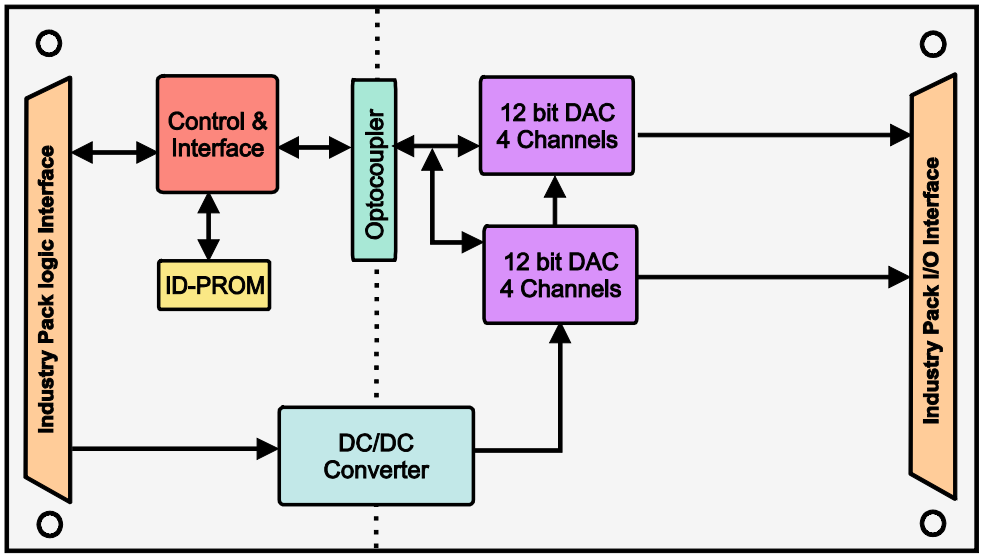
- Interface according to IndustryPack specification
- Identification-PROM supports auto-configuration
- Single Size IndustryPack
- 8 (4) channels of isolated 12 bit analog output
- Full-scale output range +/-10 V or 0-10V selectable by jumper
- Factory calibrated, calibration information in Identification-PROM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

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Order Information

RoHS Compliant

TIP550-10R 8 Channel Isolated 12 bit D/A, +/- 10V or 0-10V
TIP550-11R 4 Channel Isolated 12 bit D/A, +/- 10V or 0-10V

For the availability of non-RoHS compliant (leaded solder) products please contact TEWS.

Documentation

TIP550-DOC User Manual

Software

TIP550-SW-42 VxWorks Software Support (Legacy and VxBus-Enabled Software Support)
TIP550-SW-65 Windows Software Support
TIP550-SW-82 Linux Software Support
TIP550-SW-95 QNX Software Support

For operating systems please contact TEWS.

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