

Description

The AD330x_protos provide an easy breakout for evaluating and using Analog Devices AD330x devices. The AD3300_proto gives users full functionality to the 10BASE-T1S to E²B transceiver while the AD3306 provides users with a 10BASE-T1S MAC-PHY adapter board. Both boards are easy to use, small form factor, and offer full I/O versatility.

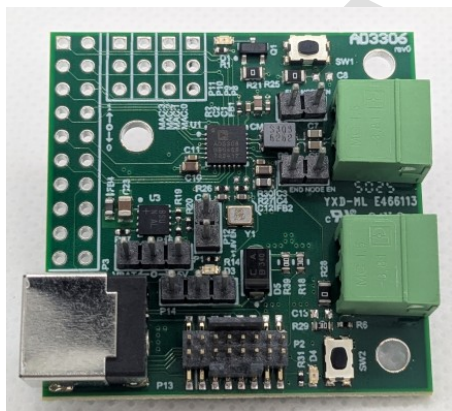
AD330x_protos provide full flexibility in interfacing to the transceiver on board. A 20-pin standard 100-mil pitch IDC header breaks out all interface signals from the transceiver for ease-of-use. A standard IDC jumper can select between +3.3V I/O operation and +1.8V while power can be provided through the 20-pin IDC header or a DC barrel jack. The additional USBi connector allows for a quick interface back to Analog Devices tools along with pushbutton and LED interfaces for user development.

The 10BASE-T1S interface is easily accessible with plug in screw terminals allowing user a quick connect/disconnect for development and prototyping. An additional pass-through connector make the AD330x_proto flexible for not breaking the Ethernet chain while jumpers allow the AD330x_proto to be configured as a 'Drop-node' or 'End Node'. For non-AD3306 transceivers, the MAC PHY address pins have been brought out to headers for configuration.

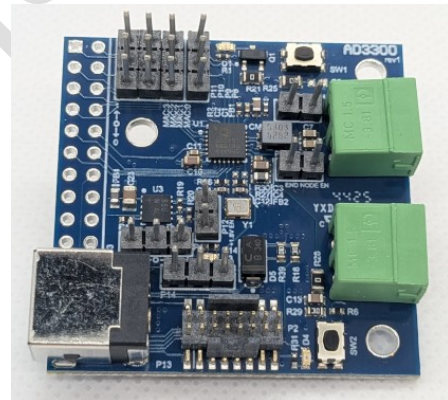
With the AD330x_proto small form factor feature-rich capabilities, it makes the perfect solution for quick development, prototyping, or integration into products for a variety of applications.

Applications

- Application development and debug
- In-vehicle testing and diagnostics
- Test and measurement



AD3306_proto



AD3300_proto

Features

- 10BASE-T1S interface with pass-through
- Full SAIF interface broken out
- USBi interface
- Drop-node or End-node configurations
- Configurable logic-levels
- LED and pushbuttons

THE AD330x_proto WILL ONLY BE SOLD TO CUSTOMERS WITH A VALID NDA WITH ANALOG DEVICES WHICH WILL BE CONFIRMED BY WHILE(1)_ENGINEERING. FOR MORE DETAILS AND TO REQUEST A FULL DATASHEET CONTACT pantelis@while1.io