



BASE KIT

ELECTRICAL

Supply 7V to 35V (polarity inversion protected)
Output voltage 3.3V—5V
Backup battery CR1216 type
Consumption max. 500mW

MECHANICAL

Dimensions 36 x 36 x 7 mm
User interface 2 push buttons, 2 LED
Connectors 10 points 2.54mm
 60 points extension connector

ENVIRONMENTAL

Storage temperature -40 to 80°C
Operating temperature -20 to 70°C

ANALOG INPUT

Number of channels 2
ADC resolution 12 bits
Sampling rate Max. 1MSPS, no minimum
Input range Hardware settable gain and attenuation (0-10V by default)
Maximum working voltage 40V
Input impedance 20kΩ

ANALOG OUTPUT

Number of channels 2
DAC resolution 12 bits
Output range 0/5V
Output impedance 0.2Ω
Output current drive 10mA per channel

DIGITAL OUTPUT

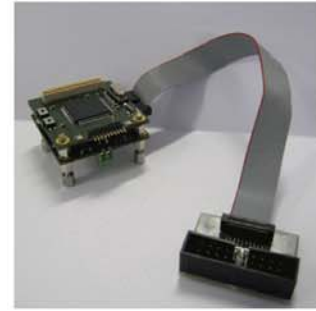
Number of channels 2

PERIPHERALS

CAN bus 2.0 B
JTAG SWD (Serial Wire Debug) and trace

SOFTWARE

Drivers for LabVIEW Embedded for ARM (including EIO and CAN bus)



ANTS ist ein stapelbarer, Single Board Computer für eingebettete Systeme mit individuell anpassbaren Elementen. Diese flexible off-the-shelf-Plattform basiert auf NI LabVIEW für ARM-basierte Prozessoren.

- Direkt Anschluss mit LabVIEW embedded für ARM

- Durch kleine Einbaugröße (3,5 x 3,5cm) überall einsetzbar

- Stapelbar- neue Lösung einfach aufbauen

Gerne zeigen wir Ihnen alle Vorteile unserer Mass Interconnect Lösungen

Ordering Information

Products	Ord. No	Comments
Base Kit	75-001	Included a power board, a CPU board, a JTAG board with LabVIEW drivers
Power board	75-101	Provides power supply for the stack
CPU board	75-102	ARM main board
JTAG board	75-103	For programming and debug