



Anybus-CompactCom Extension Board

Introduction Leaflet

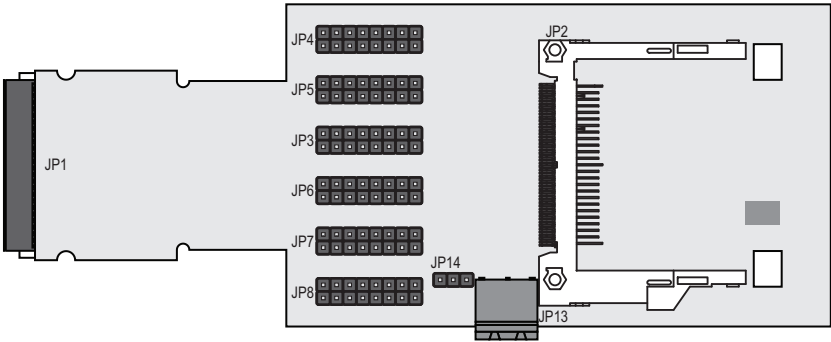
Rev 1.01

Anybus-CompactCom Extension Board

The Anybus-CompactCom Extension Board provides in-circuit access to all signals of the Anybus-CompactCom host interface, allowing in-circuit debugging and evaluation capabilities.

The Anybus-CompactCom Extension Board package consists of the following items:

- Anybus-CompactCom Extension Board
- Technical documentation



External Power Connector (JP13)

| Details | Connector (Male) |
|---|---|
| <p>This connector can be used to power the Anybus-CompactCom module from an external power source. The board has no on-board power regulation, i.e. it is required to use a regulated 3.3VDC power source as specified by the Anybus-CompactCom Hardware Design Guide. To use this option, JP14 must be set to 2-3 (below).</p> <p>IMPORTANT: Exceeding the specified voltage <u>will</u> cause irreparable damage to the Anybus-CompactCom and/or host application.</p> | A circular inset diagram showing the JP13 connector. It is a male connector with three pins. The top pin is connected to a positive terminal (+) and the bottom pin is connected to a negative terminal (-). The middle pin is not connected. The diagram is enclosed in a dashed circle. |

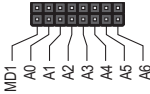
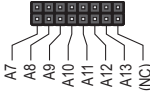
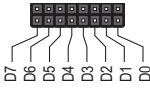
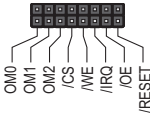
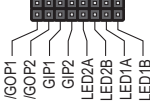
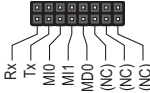
Power Source Selection (JP14)

| Power Source | Jumper Location |
|---|---|
| Internal (i.e power supplied via JP1) | 1-2 A diagram showing a jumper block with three pins. The first two pins are connected by a jumper, and the third pin is not connected. |
| External (i.e. power supplied via JP13) | 2-3 A diagram showing a jumper block with three pins. The second and third pins are connected by a jumper, and the first pin is not connected. |

Host Interface Signals (JP3... 8)

The Anybus-CompactCom host interface signals are available through six 16-pin headers(2.54mm).

- The upper row of each header is connected to signal ground
- The lower row of each header holds the host interface signals

| Header | Signals |
|--------|---|
| JP4 |  <p>MD1 A0 A1 A2 A3 A4 A5 A6</p> |
| JP5 |  <p>A7 A8 A9 A10 A11 A12 A13 (NC)</p> |
| JP3 |  <p>D7 D6 D5 D4 D3 D2 D1 D0</p> |
| JP6 |  <p>OM0 OM1 OM2 /CS /WE /IRQ /OE /RESET</p> |
| JP7 |  <p>/GOP1 /GOP2 /GIP1 /GIP2 LED2A LED2B LED1A LED1B</p> |
| JP8 |  <p>Rx Tx MI0 MI1 MD0 (NC) (NC) (NC)</p> |

Technical Support

HMS Sweden (Head Office)

E-mail: support@hms-networks.com
Phone: +46 (0) 35 - 17 29 20
Fax: +46 (0) 35 - 17 29 09
Online: www.anybus.com

HMS America

E-mail: us-support@hms-networks.com
Phone: +1-773-404-2271
Toll Free: 888-8-Anybus
Fax: +1-773-404-1797
Online: www.anybus.com

HMS Germany

E-mail: ge-support@hms-networks.com
Phone: +49-721-96472-0
Fax: +49-721-964-7210
Online: www.anybus.com

HMS Japan

E-mail: jp-support@hms-networks.com
Phone: +81-45-478-5340
Fax: +81-45-476-0315
Online: www.anybus.com