

SIPslice M-Bus Level Converter

Simplifying M-Bus Installations and Communications

Overview

The Synapsys SIPslice M-Bus Level Converter has been developed to provide a simple and efficient way of interfacing third party M-Bus meters such as Heat, Gas, Water, Electricity or Pulse counters to an M-Bus master, for example JACE, TONN, Tridium, our own SIP+ hardware or other integration technologies.

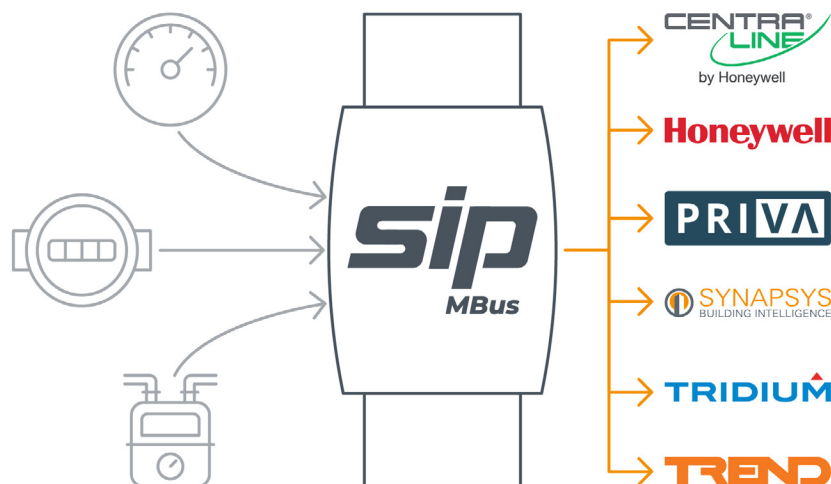
Designed for receiving data from multiple 1.5mA meter loads utilising the M-Bus protocol, the SIPslice M-Bus Converter is also resistant to sustained short circuit and is available for a wide power supply range.

SIPslice M-Bus Level Converters have a small footprint with variants ranging from 3 to 250 slave devices, supporting M-Bus communications via both RS232 and RS485.



Key features:

- Low cost solution providing effortless interfacing of M-Bus meters and Pulse counters
- Available in 3, 20, 60, 120 or 250 unit load variants
- Transmission rate 300 to 9600 Baud
- 1 x RS232 connection
- 1 x RS485 connection
- 1 x M-Bus protocol (M+ and M-)
- DIN Rail mounting with a small footprint



The right product for your solution

Synapsys offer a range of SIPslice products and to make it easier for you to select the correct product for your application we have created two sets of product codes for our SIPslice M-Bus Level Converter products:

- One set of codes for connection to third party master devices
- Second set of codes for connection to our SIP+ devices

When ordering please use the correct order codes for the SIPslice M-Bus Level Converter you require, our team will then ensure you receive the correct connectors for your application free of charge.

SIPslice M-Bus Level Converters connecting to third party device

When connecting a SIPslice M-Bus Level Converters to a SIP or a third party master device please ensure you order using the codes below.

Your SIPslice M-Bus Level Converter will come with the following to enable connection:

- Power connector
- RS485 connector
- RS232 cable

Part No.	Description
SYN/MBUS/CONV/3	SIPslice M-Bus converter for up to 3 unit loads to be used with a third party master device.
SYN/MBUS/CONV/20	SIPslice M-Bus converter for up to 20 unit loads to be used with a third party master device.
SYN/MBUS/CONV/60	SIPslice M-Bus converter for up to 60 unit loads to be used with a third party master device.
SYN/MBUS/CONV/120	SIPslice M-Bus converter for up to 120 unit loads to be used with a third party master device.
SYN/MBUS/CONV/250	SIPslice M-Bus converter for up to 250 unit loads to be used with a third party master device.

SIPslice M-Bus Level Converters connecting to SIP+ devices

When connecting a SIPslice M-Bus Level Converters to a SIP+ device please ensure you order using the codes below.

Your SIPslice M-Bus Level Converter will come with the following to enable connection:

- DIN rail connector for communications and power via the CAN Bus from a SIP+ device

Part No.	Description
SYN+/MBUS/CONV/3	SIPslice M-Bus converter for up to 3 unit loads to be used with a SIP+
SYN+/MBUS/CONV/20	SIPslice M-Bus converter for up to 20 unit loads to be used with a SIP+
SYN+/MBUS/CONV/60	SIPslice M-Bus converter for up to 60 unit loads to be used with a SIP+
SYN+/MBUS/CONV/120	SIPslice M-Bus converter for up to 120 unit loads to be used with a SIP+
SYN+/MBUS/CONV/250	SIPslice M-Bus converter for up to 250 unit loads to be used with a SIP+

Want to know more?

If you would like to know more or have any questions about our SIPslice M-Bus Level Converter and its capabilities, please contact your local Synapsys Account Manager, call us on **01444 246 128** or email us at enquiries@synapsys-solutions.com.

For more information about Synapsys and our product range please visit www.synapsys-solutions.com.