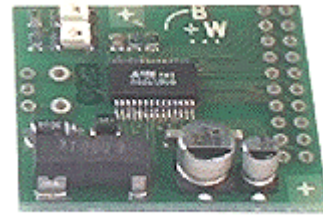


AS-i Slave Evaluation Board

Article no. BW1190
on basis A²SI



Article no. BW1190

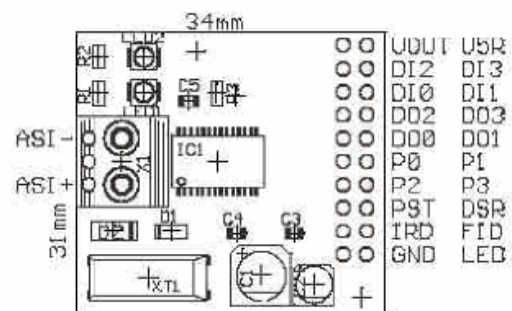
The AS-i Slave Evaluation Board on basis of the A²SI chip by ZMD can be connected to the AS-i circuit directly and without any additional hardware. It is a complete AS-i slave. Voltage supply is provided by the AS-i line.

The AS-i Slave Board is suitable for **experiments** and **test setups** and fully able to function without additional hardware. Linked to an AS-i network, it enables the AS-i Master to set parameter outputs and data outputs as well as to read data inputs.

The slave board can be simply stuck upon a bigger prototyping board (piggy back), or via screwed terminals be attached directly to the AS-i cable.

The ID codes and the IO code can be programmed with the help of the A²SI/SAP4 Programming and Test Tool (Article no. BW1355))

Connections:	
ASI+, ASI-	AS-i connection
Uout	DC output voltage max. 30 mA
U5R	5 V output voltage max. 4 mA
DI0 to DI3	Data inputs
DO0 to DO3	Data outputs
P0 to P3	Parameter in-/outputs
PST	Parameter strobe
DSR	Data strobe / reset
IRD	IR input
FID	Periphery fault (0: no fault)
GND	Ground
LED	Diagnosis LED



Technical data	
Operating current	Aprox. 20 mA (with external user application)
Operating voltage	AS-i voltage 30 V DC
Function display	Power-on LED: green Error: red
Dimensions (L, W, H)	34 mm, 31 mm, 8 mm

Programming:

Default setting

IO Code 7
ID Code F
ID2 Code 2

The ID codes and the IO code can be programmed with the help of the A²SI/SAP4 Programming and Test Tool (Article no. BW1355).

The ID codes and IO codes for the different types of slaves have to be asked for at the AS-International Association.

The data sheet of the A²SI chip:
http://www.zmd.de/as_interface.html