

Interface connection of the OEM module LDS30M

Pin	Potential	Description
1	VCC	Supply voltage +6.5 ... 7 V DC
2	VCC	Supply voltage +6.5 ... 7 V DC
3	GND _{power}	GND
4	GND _{power}	GND
5	RX- RS422	RS422 received data -
6	RX+ RS422	RS422 received data +
7	TX- RS422	RS422 transmission data -
8	TX+ RS422	RS422 transmission data +
9	BOOT	Boot contact for firmware update
10	SA2	Interface for high-side switch 2
11	DATA _{in}	Current interface data input (DATAIN)
12	SA1	Interface for high-side switch 1
13	SCK	Current interface clock (CLOCK)
14	CS	Current interface CS (LATCH)

There is no internal inverse polarity protection!
Voltage supply of DC 6.5 V ... 7.0 V must be adhered to!

The Pins No. 11 (DATA), 13 (SCK) and 14 (CS) are provided for the connection of an analogue current interface driver circuit (e.g. AD420).