


# Template:FM36 socket pinout

## 2x6 socket pinout

<b>PIN NUMBER</b>	<b>PIN NAME</b>	<b>DESCRIPTION</b>	
1	<b>VCC</b> (10-30)V DC (+)	Power supply (+10-30 V DC).	
2	DIN 4 / AIN 1	Analog input, channel 1. Input range: 0-30 V DC / Digital input, channel 4.	
3	DIN 3 / AIN 2	Analog input, channel 2. Input range: 0-30 V DC / Digital input, channel 3.	
4	DIN 2	Digital input, channel 2.	
5	DIN 1	Digital input, channel 1.	
6	INPUT 6	TX EXT (LVCAN - TX).	
7	<b>GND</b> (-)	Ground.	
8	DOUT 1	Digital output, channel 1. Open collector output. Max. 3,3 A DC.	
9	DOUT 2	Digital output, channel 2. Open collector output. Max. 3,3 A DC.	
10	1WIRE POWER	+3,8 V output for 1-Wire devices.	
11	1WIRE DATA	Data for 1-Wire devices.	
12	INPUT 5	RX EXT (LVCAN - RX).	