

1	2	3	4	5	6
<div>working_1</div> <div>File: working_1.kicad_sch</div> <div>working_2</div> <div>File: working_2.kicad_sch</div>					
A					A
B					B
C					C
D					D
1	2	3	4	5	6

Sheet: / File: working.kicad_sch		
Title:		
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KiCad E.D.A. eeschema 7.0.6	Id: 1/3	


- Adapted footprint to avoid of production issues(noncritical)
- minor changes of design resulting from adaption of footprint

The diagram shows the pin connections for the UC/MCO interface. The pins are numbered 1 to 44. The connections are as follows:

- Pin 43: GND
- Pin 41: DIO19
- Pin 39: GND
- Pin 37: DIO17
- Pin 35: DIO15
- Pin 33: DIO13
- Pin 31: SPI1_SDO
- Pin 29: SPI1_SDI
- Pin 27: SPI1_SCK
- Pin 25: SPI2_SDI
- Pin 23: SPI2_SCK
- Pin 21: SPI2_CS_N1
- Pin 19: CLK16
- Pin 17: DIO10
- Pin 15: DIO8
- Pin 13: DIO6
- Pin 11: AIN1
- Pin 9: AIN0
- Pin 7: AIN0
- Pin 5: AIN0
- Pin 3: AIN0
- Pin 1: AIN0
- Pin 44: GND
- Pin 42: +5V
- Pin 40: DIO18
- Pin 38: DIO16
- Pin 36: DIO14
- Pin 34: DIO12
- Pin 32: SPI1_SDI
- Pin 30: SPI1_CS_N
- Pin 28: SPI2_SDO
- Pin 26: SPI2_CS_N2
- Pin 24: SPI2_CS_N0
- Pin 22: DIO11
- Pin 20: DIO9
- Pin 18: DIO7
- Pin 16: AIN2
- Pin 14: AIN0
- Pin 12: DIO4
- Pin 10: DIO2
- Pin 8: DIO0
- Pin 6: ID_CH0
- Pin 4: ID_CLK
- Pin 2: GND

Additional connections shown in the diagram include:

- Pin 37: SPI1_SCK
- Pin 29: SPI1_SDI
- Pin 27: SPI1_SCK
- Pin 25: SPI2_SDI
- Pin 23: SPI2_SCK
- Pin 21: SPI2_CS_N1
- Pin 19: CLK16
- Pin 17: DIO10
- Pin 15: DIO8
- Pin 13: DIO6
- Pin 11: AIN1
- Pin 9: AIN0
- Pin 7: AIN0
- Pin 5: AIN0
- Pin 3: AIN0
- Pin 1: AIN0
- Pin 44: GND
- Pin 42: +5V
- Pin 40: DIO18
- Pin 38: DIO16
- Pin 36: DIO14
- Pin 34: DIO12
- Pin 32: SPI1_SDI
- Pin 30: SPI1_CS_N
- Pin 28: SPI2_SDO
- Pin 26: SPI2_CS_N2
- Pin 24: SPI2_CS_N0
- Pin 22: DIO11
- Pin 20: DIO9
- Pin 18: DIO7
- Pin 16: AIN2
- Pin 14: AIN0
- Pin 12: DIO4
- Pin 10: DIO2
- Pin 8: DIO0
- Pin 6: ID_CH0
- Pin 4: ID_CLK
- Pin 2: GND

 TRINAMIC MOTION CONTROL		\${PROJECTNAME}	
		\${CURRENT_DATE}	
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Sheet: /working_1/ File: working_1.kicad_sch			
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KiCad E.D.A. eeschema 7.0.6		Rev: Id: 1/3	

