

**Digital Inputs:**

- D[ 5.. 0]: Gain slider input 1
- D[11.. 6]: Gain slider input 2
- D[12] : Input 1 enable
- D[13] : Input 2 enable
- D[14] : Output 1 switch
- D[16..15]: Number of boost stages
- D[17] : Compensation enable
- D[18] : Excitation A enable
- D[19] : Option A enable
- D[20] : Polarity slow path
- D[21] : Common filter enable
- D[22] : Fast path enable
- D[23] : Fast path polarity
- D[24] : Slow path option enable
- D[25] : Bypass enable
- D[26] : Slow output offset +5V fixed
- D[27] : Slow output offset enable
- D[28] : Slow path compensation enable
- D[29] : Slow path boost enable
- D[30] : Slow path filter enable
- D[31] : Fast path limiter enable
- D[46..41]: Gain slider fast path
- D[47] : Excitation B enable
- D[48] : Option B enable
- D[49] : Excitation slow path
- D[50] : Polarity input 1
- D[51] : Polarity input 2
- LE : Latch enable

**Digital Outputs:**

- D[35] : Fast path limits reached
- OK : Voltages are within range

**Analog Inputs:**

- D[36] : Common path offset adjust
- D[37] : Slow path offset adjust
- D[38] : Slow path output offset

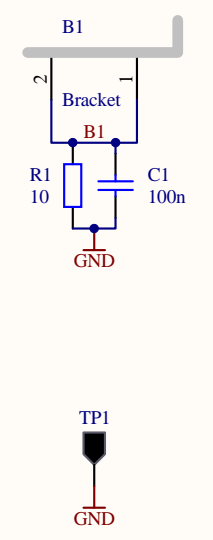
**Analog Outputs:**

- D[32] : Input monitor
- D[33] : Monitor at split
- D[34] : Fast monitor
- D[39] : Slow path feedback monitor
- D[40] : Slow monitor

**Spares:**

- D52 : Not used

- H1 #4 screw, 3/8"
- H2 #4 screw, 3/8"
- McMaster-Carr 90272A108
- H3 #4 lock washer
- H4 #4 lock washer
- McMaster-Carr 91113A005
- H5 #4 nut
- H6 #4 nut
- McMaster-Carr 90480A005
- H7 #4 screw, 3/8"
- McMaster-Carr 91099A165
- H8 #4 lock washer
- H9 #4 nut



Title <b>Common Mode Servo Interface Board</b>		
Size B	Number <b>D0901784</b>	Revision <b>A</b>
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