



NOTE: Diagnostic jumpers are intended to be used as JP1 with JP2 or JP3 with JP4, not all 4 simultaneously. Input levels to allow the manual pots to supply them. JP 3 and 4 can bypass the LM334s to verify operation of the MCP4262s which cannot achieve high enough resistances to produce working level voltages on the legs without low R2 manually...on the order of 10KQ to 100KQ. For boards without these jumpers, JP1 and 2 can be effected by disconnecting LM334 lead 2 and adding a temporary wire from the wiper of a manual pot to lead 3 of that LM334. JP3 and 4 can be effected by disconnecting LM334 lead 2 and adding a temporary wire between LM334 pads 1 and 2 (without lead 2 in circuit). In either case, the LM334 may be removed completely to ensure the lead 2 (middle lead) disconnect.

Sheet:1/2

File: uno shield.sch

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