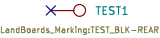




CONFIGURATION AND PROGRAMMING NOTES:

- 1 – SWITCHES ARE ON A-PORTS.
SWITCHES NEED TO BE PULLED UP BY THE INTERNAL PULL UP RESISTORS IN THE MCP23017 PARTS.
- 2 – LEDS ARE ON B-PORTS.
LEDS GO TO GROUND SO THEY TURN ON WHEN HIGH.
- 3 – THE HOST SOFTWARE CAN RUN IN INTERRUPT DRIVEN MODE BUT WILL NEED TO POLL THE CHIPS TO DETERMINE THE INTERRUPT SOURCE.
- 4 – INTA AND INTB NEED TO BE CONFIGURED AS OPEN-DRAIN OUTPUTS. THEY ARE PULLED UP ON THIS BOARD.
- 5 – BOARD BASE ADDRESS IS SET WITH A2 JUMPER.
MCP23017 PARTS USE A0, A1 FOR CHIP SELECTION.
BOARD ADDRESS RABGES ARE 0X20-0X23 OR 0X24-0X27.
- 6 – I2C TERMINATORS GET INSTALLED AT THE LAST CARD IN THE SYSTEM.



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