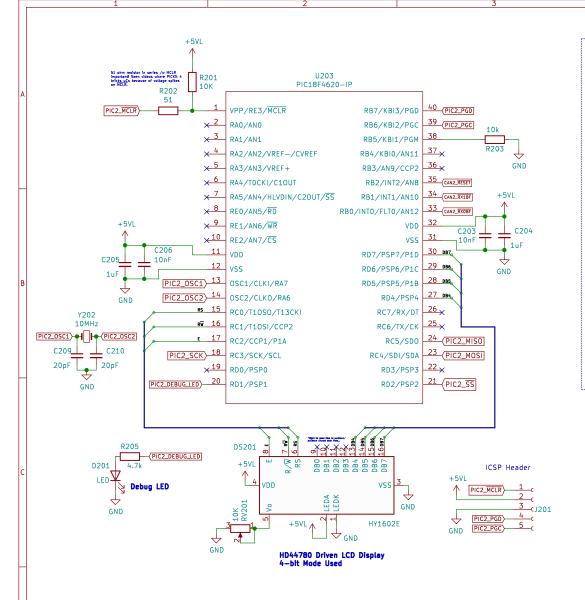


Sheet: CAN Node 2 File: can\_node\_2sch.sch

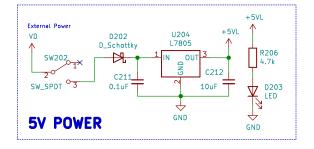
This CAN Node will send the state of the two button switches and update the debug LED state through CAN messages.

Title: MCP2515 CAN TEST: Node 1				
Size: A4	Date: 2021-11-06			

Rev: 1.0 ld: 1/2



## CAN CONTROLLER + +5VL +5VL **TRANSCEIVER** 0.1uF == C201 +5VL $\biguplus \mathsf{GND}$ +5VL MCP2515-xS0 U201 MCP2562-E-P TXCAN TXD PIC2\_MISO> **RXCAN** RXD -/CANH PIC2\_SS 16 +5VL \_\_ 6 (CANL CANL STBY RXOBF 11 (CAN2\_RXOBF) RX1BF 10 CAN2\_RX1BF CAN2\_OSC2 7 CAN2\_0SC1 8 0SC1 Y201 GND TXORTS 40MHz TX1RTS CLKOUT/SOF Vio is for what voltage level the logic circuitry is at, which is 5V here. CAN2\_OSC1) (CAN2\_OSC2) TX2RTS STBY is for putting the transceiver in standby mode or normal mode, OV for RESET R204 10k CAN2\_RESET GND GND SW201 -CAN1\_RST $\leftarrow$ CAN Bus Format: CAN 2.0B Extended Frame GND CAN Bus Baud Rate: 250kbps



Author: Abdullah Almosalami

This node will update a display with the state of Node 1's buttons and also send commands for Node 1's Debug LED state.

Sheet: /CAN Node 2/ File: can\_node\_2sch.sch

Size: A4	Date: 2021-11-06			Rev: 1.0	
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## NODE 2

Update LCD with Node 1 button states. Send debug LED command.