Interrupt line is not currently used in NMEA2000 lib, so you do not need this. to PC — USB Arduino Mega MISO 50 51 52 53 SCK -CS If Arduino is standalone and not connected to PC +12V -MCP2515 with USB, connect this VDD 18
-RESET 17
-CS 16
MISD 15
MISD 15
MIST 14
SCK 13
-INT 12
-RX2BF 11
-RX1BF 10 1 TxCAN 2 RxCAN GND . to external 12 V PSU 2 RXCAN
3 CLKDut
4 -TXORTS
5 -TXORTS
6 -TXORTS
-7 DSC2
-8 DSC1
-9 VSS or connect to NMEA2000 bus power. 100nF 100nF MCP2551 NMEA2000 bus 1 TxD RS 8 2 Vss CANH 7 3 VDD CANL 6 4 RxD Vref 5 -CAN_H (white) -CAN_L (blue)