

REV	Description	DATE	BY
v2.0	1.Change DB9 to standard interface 2.INT can link to D2 or D3 3.Add a TF card interface 4.Change D0/D1 of Grove Serial to A0/A1 5.Change A4/A5 of Grove I2C to SDA/SCL 6.Change DIP Grove interface to SMD interface 7.Increase ESD Protection	2017.05.26	

Seed Studio

TITLE: CAN-BUS Shield v2.0

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Design: weifeng.zeng

Check:

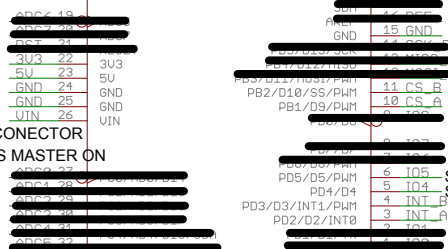
Date: 2017/6/27 16:22:21

Vision: v2.0

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SHIELD CONNECT

GND ARE INTERCONNECTED ON PCB



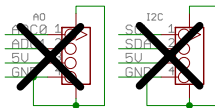
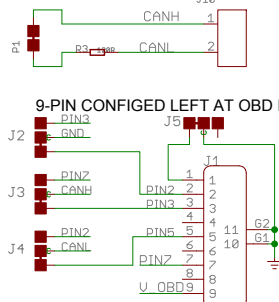
FROM OBDII CONECTOR
SW BE COMES MASTER ON

APPEARS TO BE AT 5VDC LEVEL

ALL SCK, MOSI, MISO, ARE CONNECTED TO THIS CONECTOR SD INCLUDED

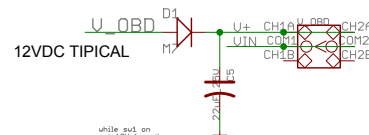
INTERFACE

TWO POLE QUIK CONECTOR
IN PARALLEL TO 9 PIN



POWER

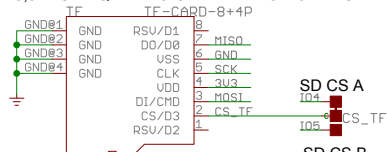
SW BE COMES MASTER ON
POWER DRAW FROM OBD II PLUG



THIS SECTION SUPPLIED BY 3.3 VDC PIN

TF_CARD

3.3VDC REQURED TO OPERATE DO NOT EXSEED

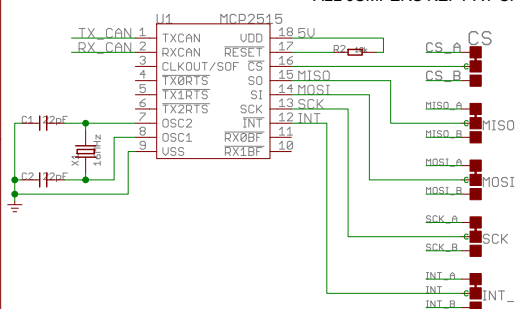


ALL JUMPERS KEPT AT CHANEL A SELECTION

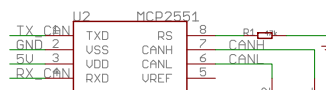
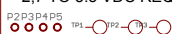
CAN_SPI

THIS SECTION SUPPLIED BY 5VDC PIN

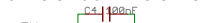
ALL JUMPERS KEPT AT CHANEL A SELECTION



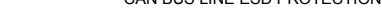
2.7 TO 5.5 VDC REQURED TO OPERATE DO NOT EXSEED



5VDC SMOOTHING CAPS

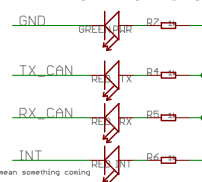


CAN BUS LINE ESD PROTECTION



LED

LIKE THIS INDEICATIONS



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