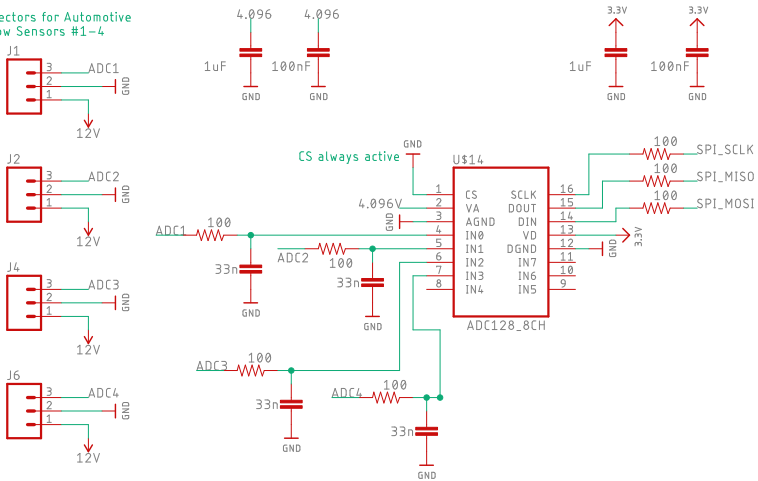
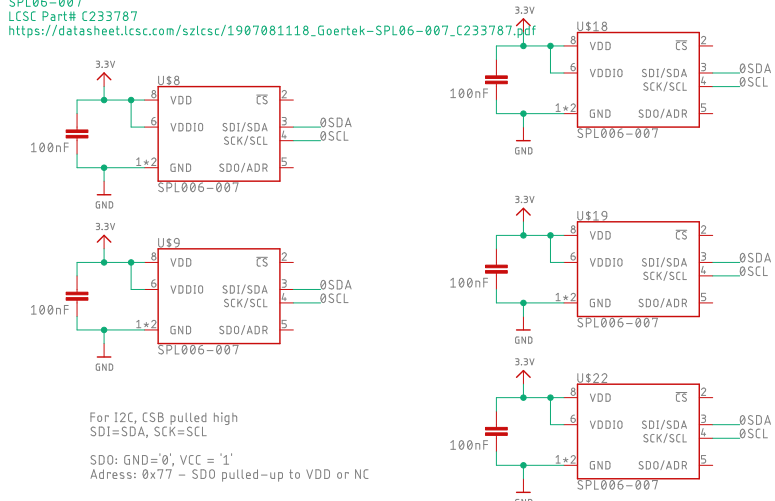


ADC
Texas Instruments
MFR Part# ADC128S102
LCSC Part # C179666
Package HTSSOP-16_EP_4.4x5.0x0.65P
https://datasheet.lcsc.com/szlcsc/Texas-Instruments-TI-ADC128S102C1MTX-NOPB_C179666.pdf

Connectors for Automotive
Airflow Sensors #1-4



Pressure Sensors
SPL06-007
LCSC Part# C233787
https://datasheet.lcsc.com/szlcsc/1907081118_Goertek-SPL06-007_C233787.pdf

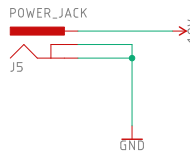


For I2C, CSB pulled high
SDI=SDA, SCK=SCL
SDO: GND='0', VCC = '1'
Address: 0x77 - SDO pulled-up to VDD or NC



Indicator LEDs

Test Points



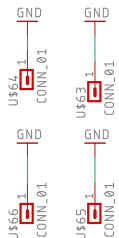
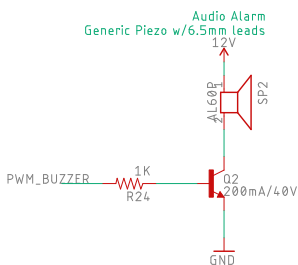
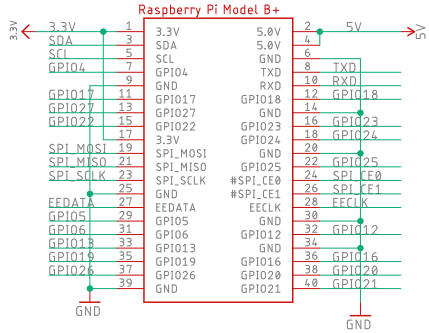
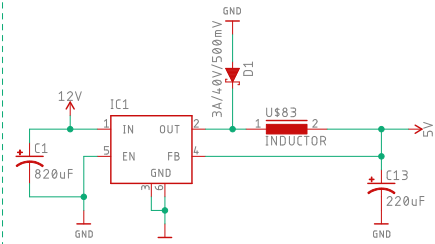
Regulator - LM259SX-5
https://datasheet.lcsc.com/szlcsc/Texas-Instruments-TI-LM2596SX-5-0-NOPB_C10002.pdf
LCSC Part# C10002
Package TO-263-5

Inductor 33uH, 4.4amps
https://datasheet.lcsc.com/szlcsc/Sunlord-MWSA1004-330MT_C143966.pdf

Output Capacitor
220uH/10V Tantalum
LCSC Part# C17665
EIA 7343
https://datasheet.lcsc.com/szlcsc/TORCH-CA45-D-10V-220mF-K_C171665.pdf

D1 Spec - 5A, 40V Schottky Rectifier, 1N5825
Selection - 5A, 40V Schottky
DO-214AC/SMA
LCSC Part# C22452
https://datasheet.lcsc.com/szlcsc/1903061001_MDD-Jiangsu-Yutai-Elec-SS54_C22452.pdf

Input capacitor Spec - 1.5A RMS, >18V
Selection 820uF, 25V
LCSC Part# C249988
https://datasheet.lcsc.com/szlcsc/Lelon-VZT821M1E1010-TR0_C249988.pdf
10x10mm



i2C Multiplexer
LCSC Part# C21198
MFR Part # PCA9548APW.118
TSSOP-24_4.4xx7.8x0.65P
https://datasheet.lcsc.com/szlcsc/NXP-Semicon-PCA9548APW-118_C21198.pdf

