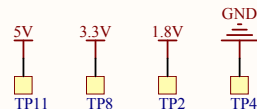
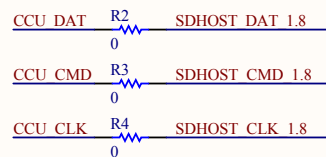
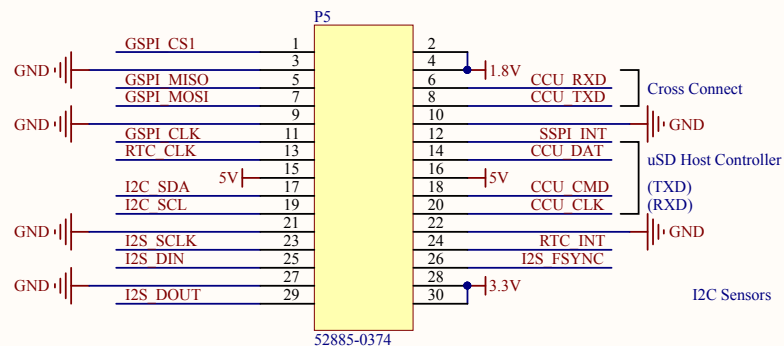


mounting holes



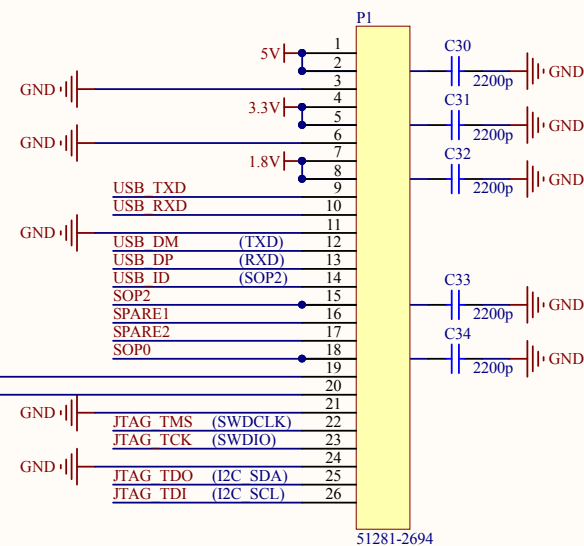
to the top board



I2C pullups

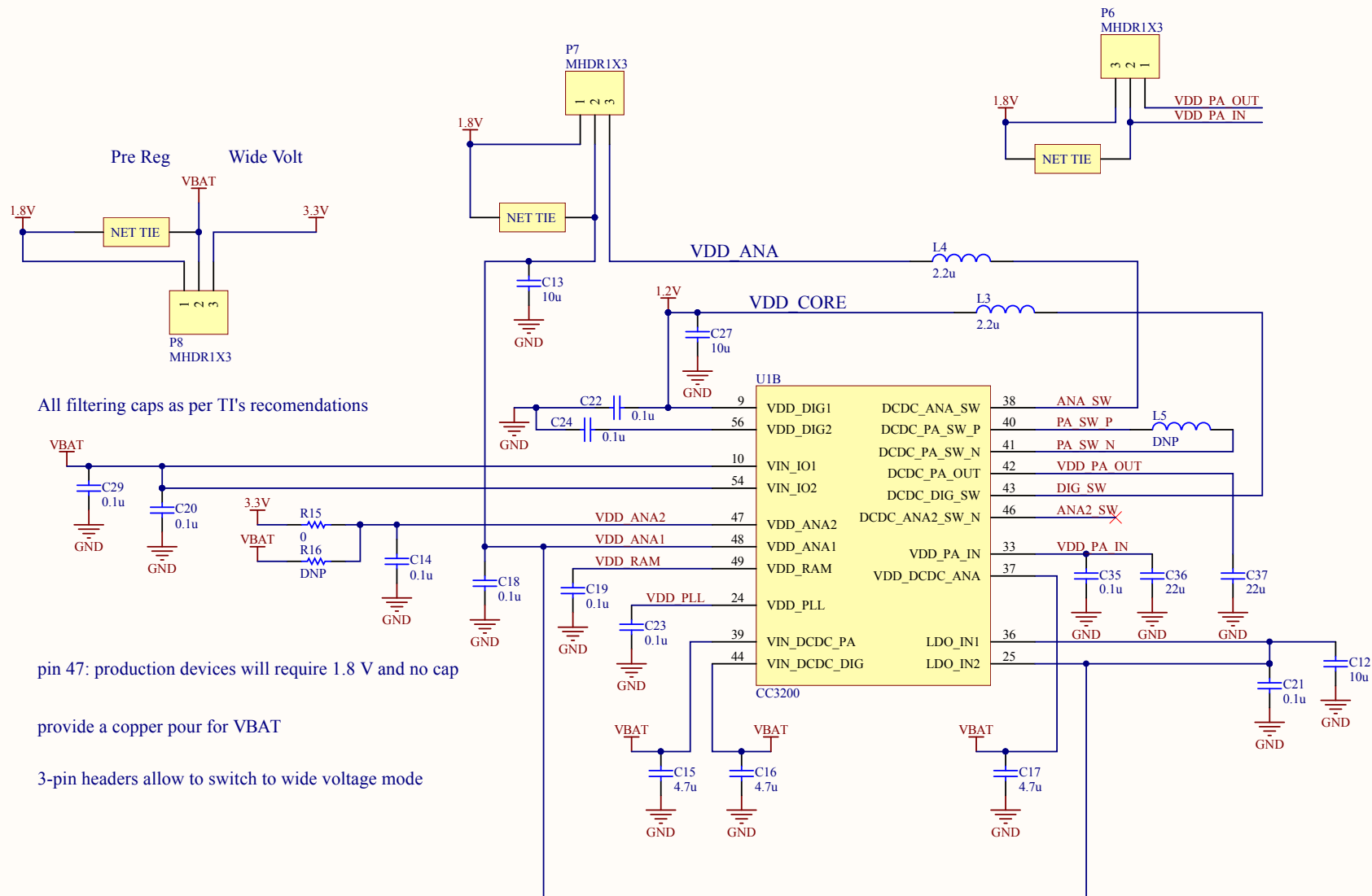
I2C Sensors

to the bottom board



Hello

TITLE Morpheus_middle		REV EVT2
DATE 8/29/2014	DRAWN BY D. Fusi	SHEET 2 OF 6



All filtering caps as per TI's recommendations

pin 47: production devices will require 1.8 V and no cap

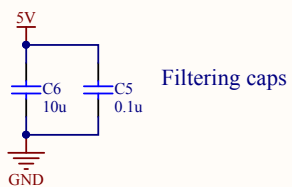
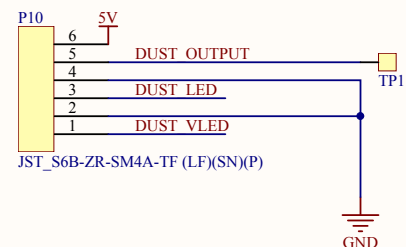
provide a copper pour for VBAT

3-pin headers allow to switch to wide voltage mode

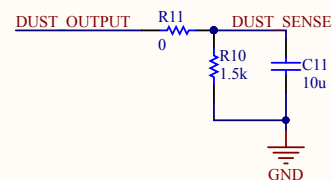
Hello

TITLE M4F_MCU_Power		REV EVT2
DATE 8/26/2014	DRAWN BY D. Fusi	SHEET 3 OF 6

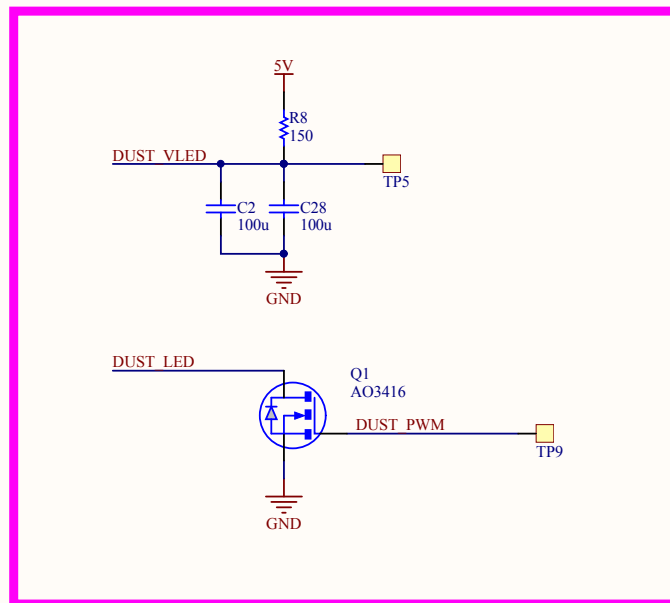
Connector for Sharp dust sensor GP2Y1010AU0F



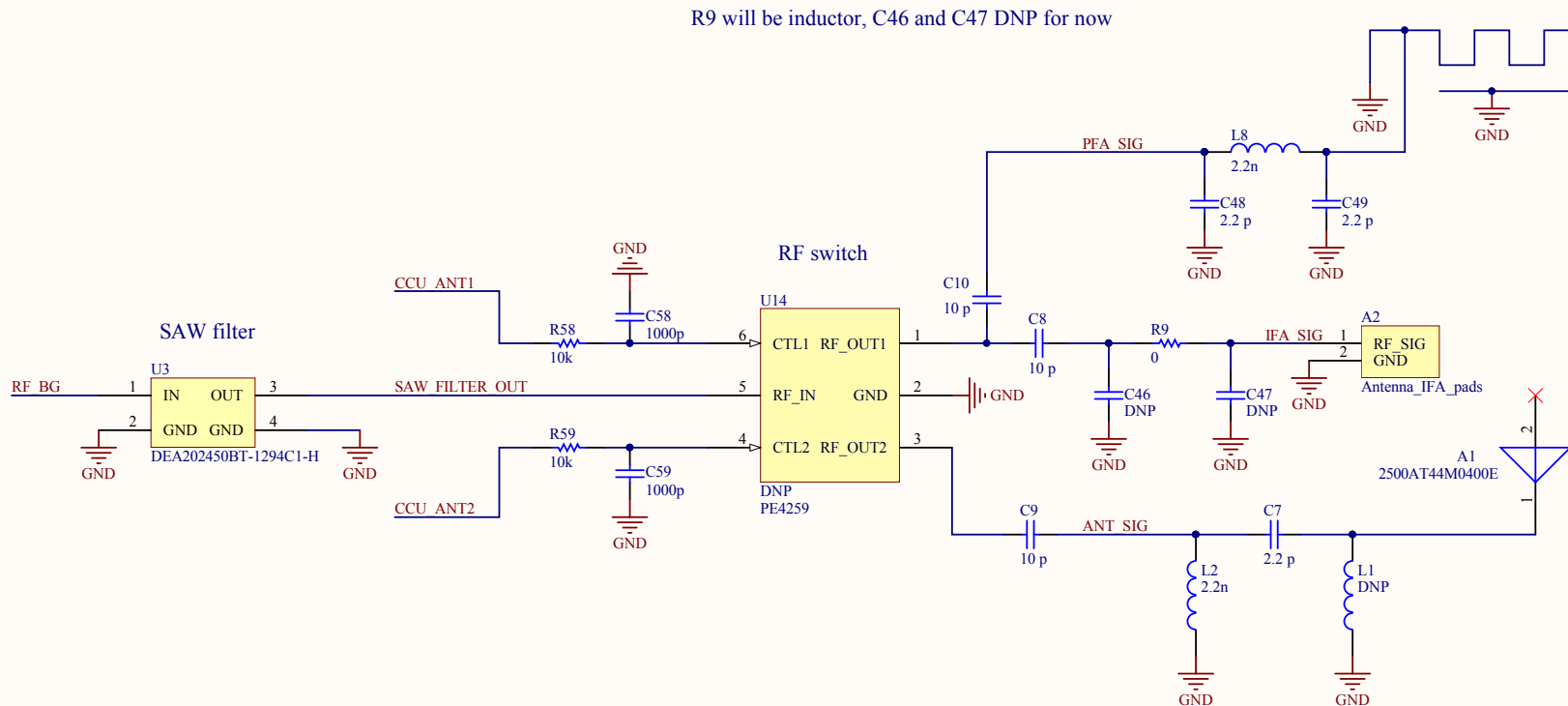
level shifting from 4V to 1.8V, plus anti-aliasing filter



As on the GP2Y1010 datasheet

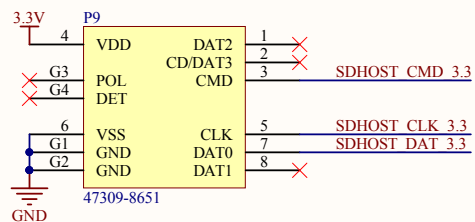
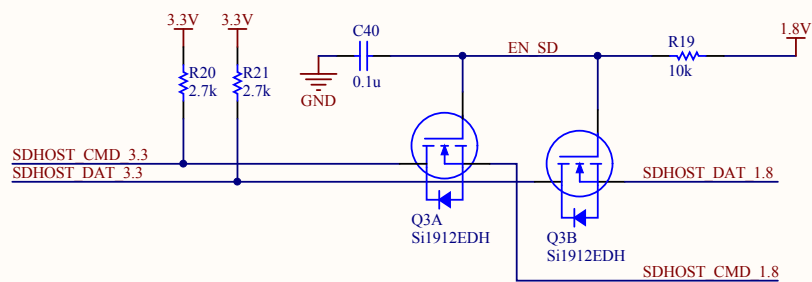
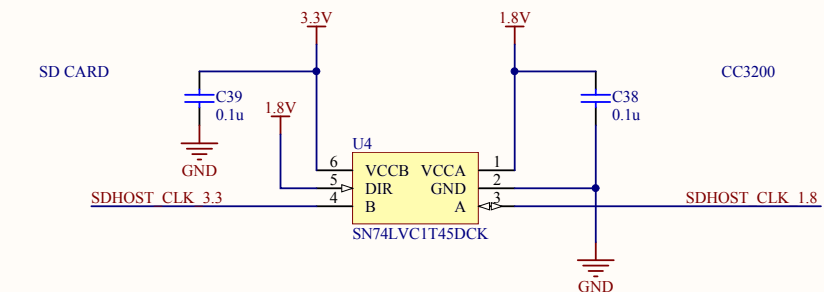


Hello		
TITLE	REV	
Air_quality	EVT2	
DATE	DRAWN BY	SHEET 4 OF 6
8/26/2014	D. Fusi	



Hello	
TITLE	REV
M4F_MCU_Antennas	EVT2
DATE	DRAWN BY
9/2/2014	D. Fusi
SHEET 6 OF 6	

CLK needs a dedicated level shifter beacuse of speed



Hello

TITLE SD_Card		REV EVT2
DATE 8/29/2014	DRAWN BY D. Fusi	SHEET * OF *