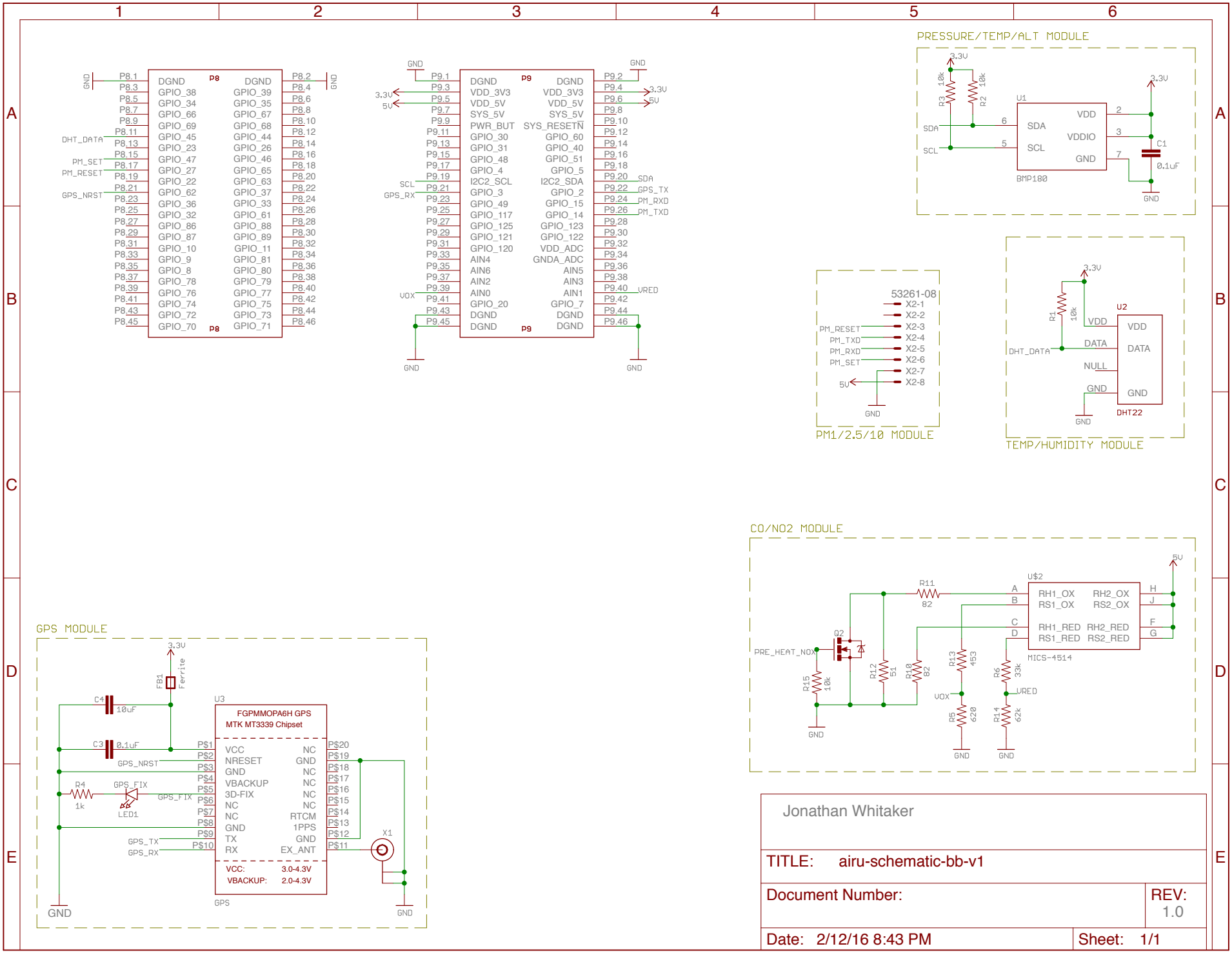
P8
P9
DHT_DATA
PM_SET
PM_RESET
GPS_NRST
SCL
GPS_RX
VOX
SDA
GPS_TX
PM_RXD
PM_TXD
VRED
3.3V
5V
GND
PRESSURE/TEMP/ALT MODULE
U1
BMP180
VDD
VDDIO
C1
0.1uF
R3 10k
R2 10k
PM1/2.5/10 MODULE
53261-08
X2-1
X2-2
X2-3
X2-4
X2-5
X2-6
X2-7
X2-8
TEMP/HUMIDITY MODULE
U2
DHT22
R1 10k
DATA
NULL
CO/NO2 MODULE
U$2
MICS-4514
RH1_OX
RS1_OX
RH2_OX
RS2_OX
RH1_RED
RS1_RED
RH2_RED
RS2_RED
PRE_HEAT_NOX
Q2
R11 82
R12 51
R10 82
R13 453
R6 33k
R15 10k
R5 620
R14 62k
GPS MODULE
U3
FGPMMOPA6H GPS
MTK MT3339 Chipset
VCC: 3.0-4.3V
VBACKUP: 2.0-4.3V
FB1 Ferrite
C4 10uF
C3 0.1uF
R4 1k
LED1
GPS_FIX
X1
GPS
Jonathan Whitaker
TITLE: airu-schematic-bb-v1
Document Number:
REV: 1.0
Date: 2/12/16 8:43 PM
Sheet: 1/1