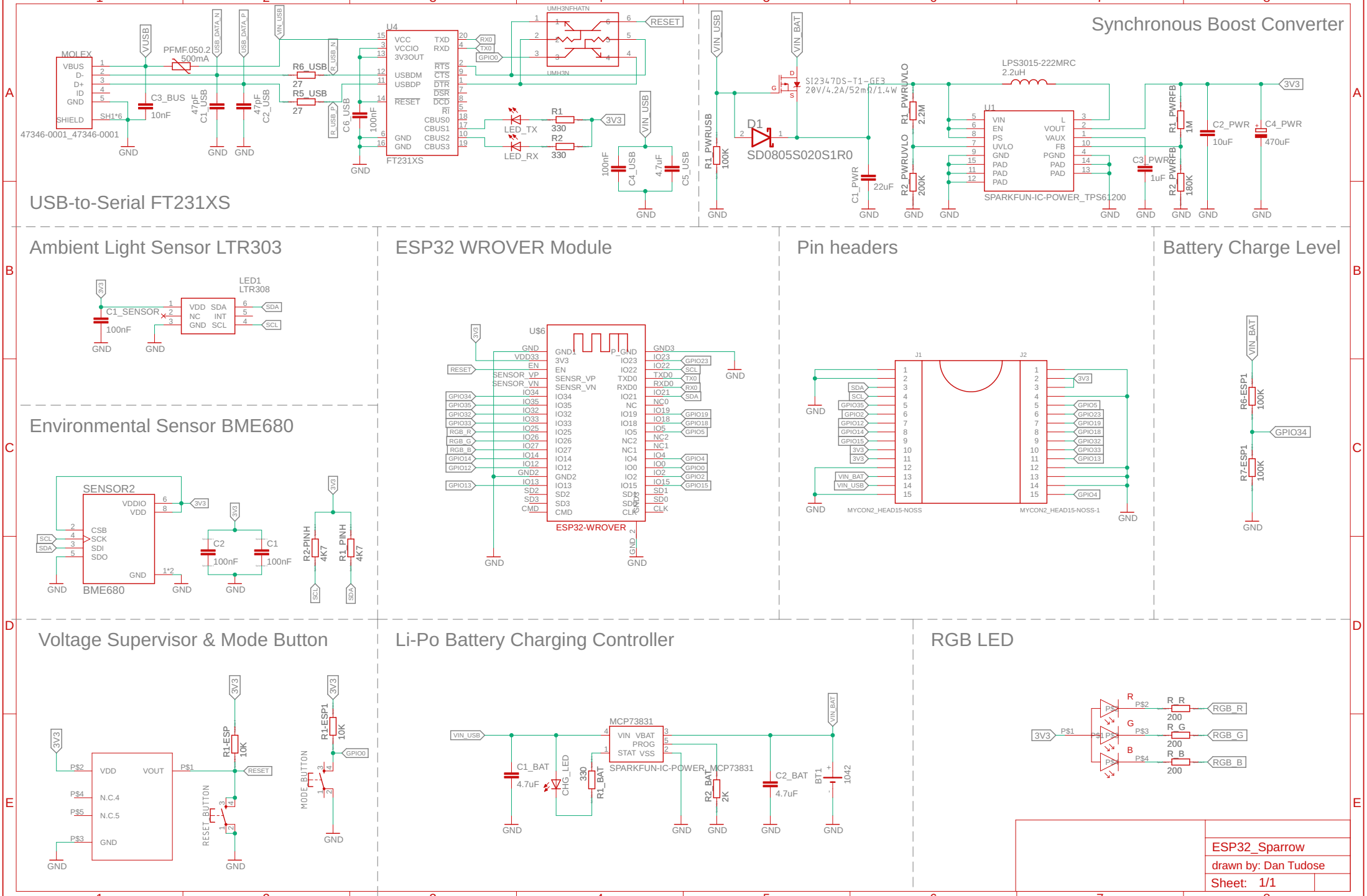
USB-to-Serial FT231XS
Synchronous Boost Converter
Ambient Light Sensor LTR303
ESP32 WROVER Module
Pin headers
Battery Charge Level
Environmental Sensor BME680
Voltage Supervisor & Mode Button
Li-Po Battery Charging Controller
RGB LED
MOLEX
47346-0001_47346-0001
PFMF.050.2
500mA
FT231XS
UMH3NFHATN
SI2347DS-T1-GE3
20V/4.2A/52mΩ/1.4W
SD0805S020S1R0
LPS3015-222MRC
2.2uH
SPARKFUN-IC-POWER_TPS61200
LED1
LTR308
BME680
ESP32-WROVER
MYCON2_HEAD15-NOSS
MYCON2_HEAD15-NOSS-1
MCP73831
SPARKFUN-IC-POWER_MCP73831
ESP32_Sparrow
drawn by: Dan Tudose
Sheet: 1/1