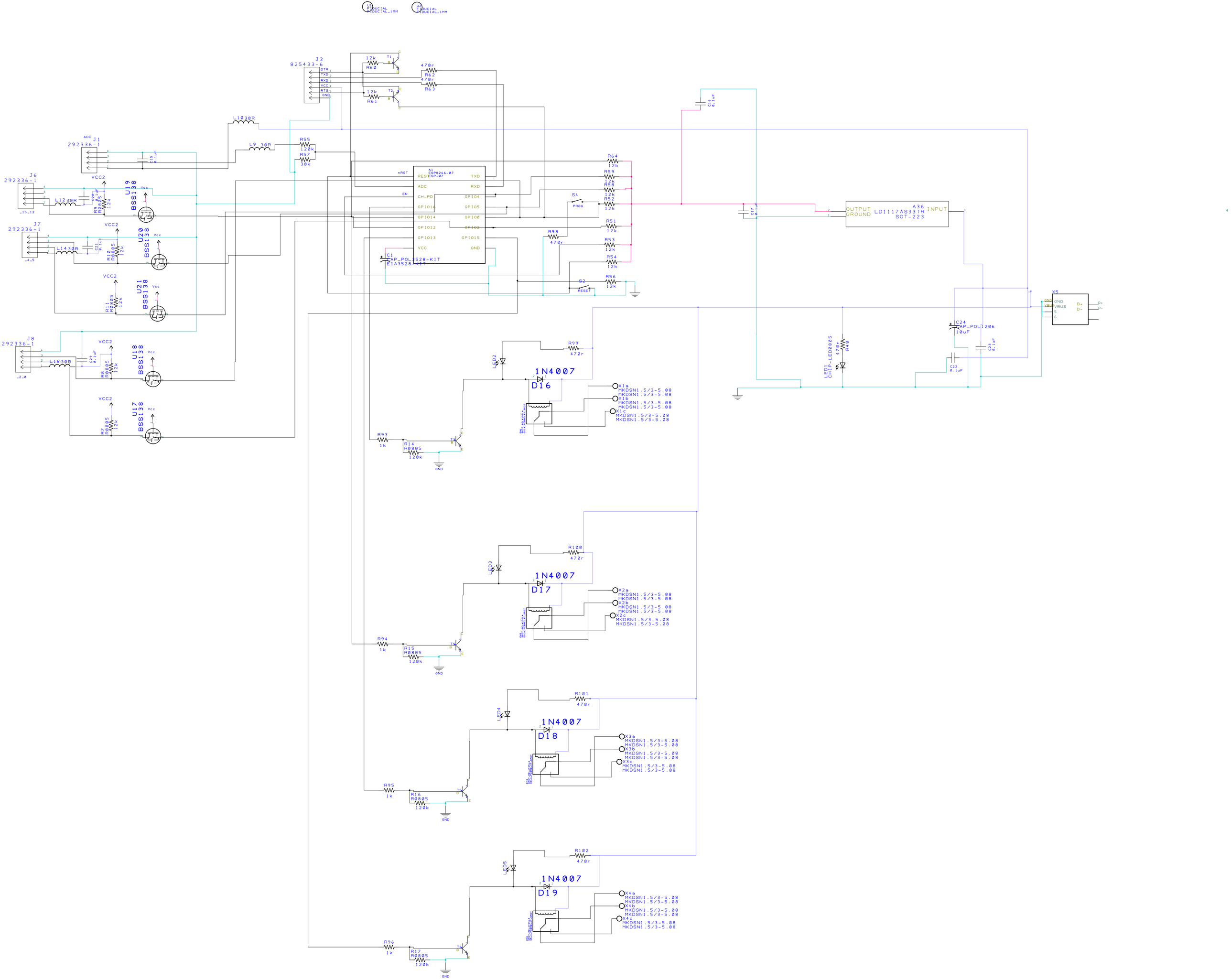
U1 FIDUCIAL FIDUCIAL_1MM
U2 FIDUCIAL FIDUCIAL_1MM
J3 825433-6
DTR TXD RXD VCC RTS GND
T1 T2
12k R60
12k R61
470r R62
470r R63
L1030R
L9 30R
R55 120k
R57 30k
J1 292336-1
ADC
C15 0.1uF
J6 292336-1
J7 292336-1
J8 292336-1
L1230R
L1430R
L1830R
C29 0.1uF
C21 0.1uF
VCC2
R9 R0805 12k
R10 R0805 12k
R11 R0805 12k
R8 R0805 12k
R7 R0805 12k
U19 BSS138
U20 BSS138
U21 BSS138
U18 BSS138
U17 BSS138
Vcc
A1 ESP8266-07
ESP-07
nRST
RESET
ADC
EN
CH_PD
GPIO16
GPIO14
GPIO12
GPIO13
VCC
TXD
RXD
GPIO4
GPIO5
GPIO0
GPIO2
GPIO15
GND
C1 AP_POL1528-KIT
E1A3528-KIT
R64 12k
R59 12k
R58 12k
R52 12k
R51 12k
R53 12k
R54 12k
R56 12k
S4 PROG
S2 RESET
R98 470r
C16 0.1uF
C17 0.1uF
A36 LD1117AS33TR SOT-223
OUTPUT
GROUND
INPUT
X5
GND
VBUS
D+
D-
C24 AP_POL1206 10uF
C23 0.1uF
C22 0.1uF
LED1 CHIP-LED0805
R49 470r
R99 470r
LED2
1N4007
D16
X1a MKDSN1.5/3-5.08
X1b MKDSN1.5/3-5.08
X1c MKDSN1.5/3-5.08
R93 1k
R14 R0805 120k
R100 470r
LED3
D17
X2a MKDSN1.5/3-5.08
X2b MKDSN1.5/3-5.08
X2c MKDSN1.5/3-5.08
R94 1k
R15 R0805 120k
R101 470r
LED4
D18
X3a MKDSN1.5/3-5.08
X3b MKDSN1.5/3-5.08
X3c MKDSN1.5/3-5.08
R95 1k
R16 R0805 120k
R102 470r
LED5
D19
X4a MKDSN1.5/3-5.08
X4b MKDSN1.5/3-5.08
X4c MKDSN1.5/3-5.08
R96 1k
R17 R0805 120k
GND