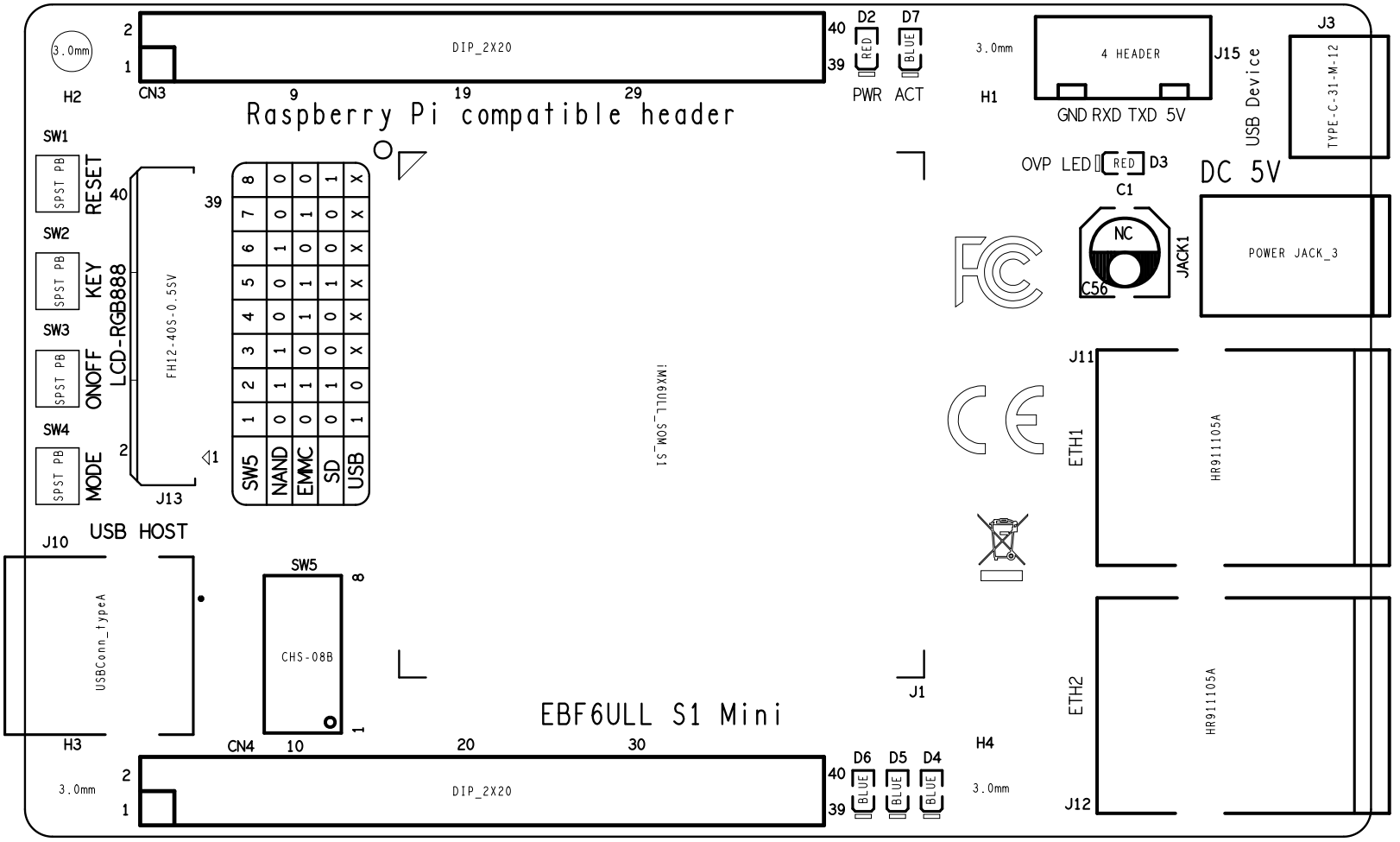
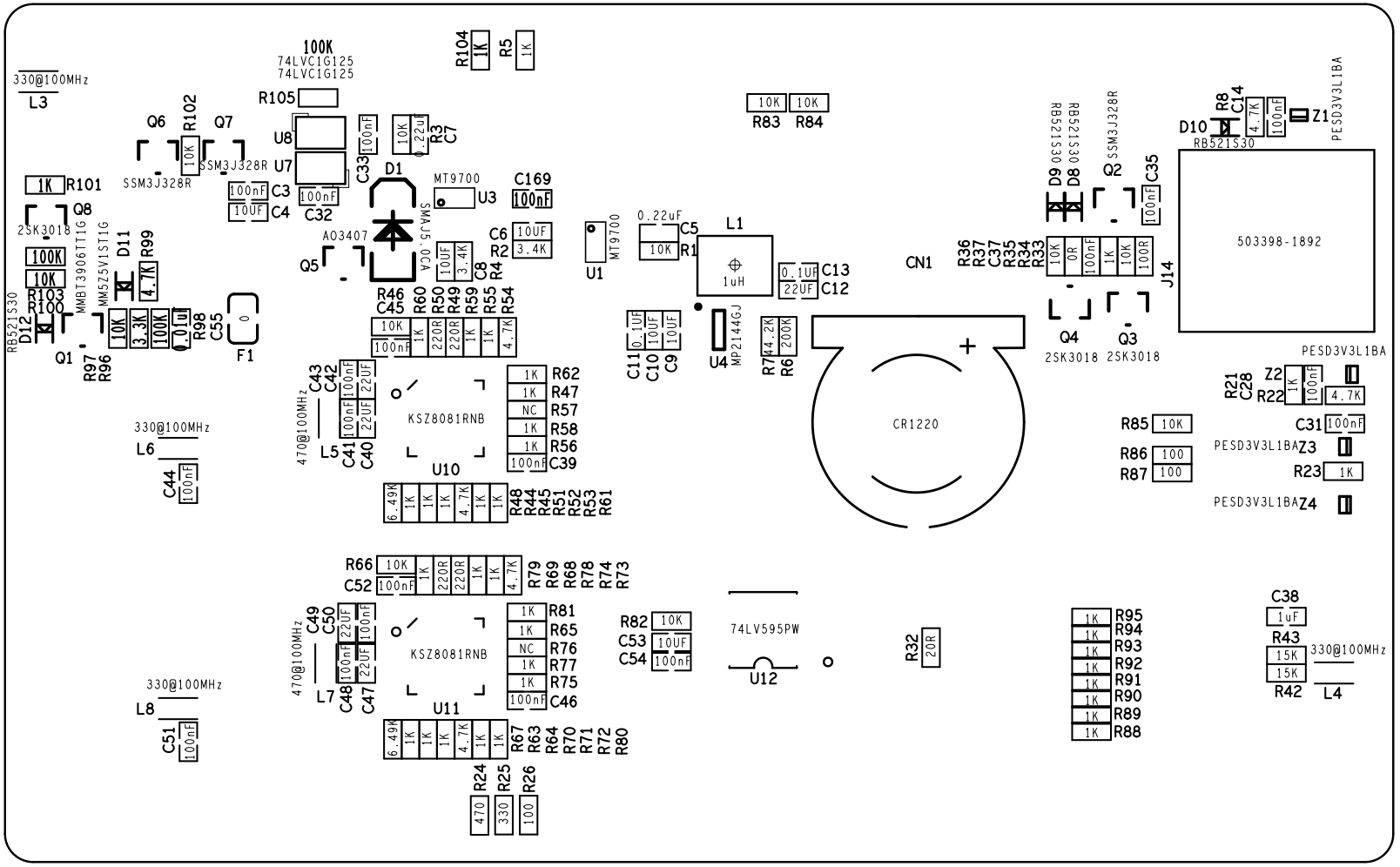

DIP_2X20
CN3
Raspberry Pi compatible header
H2
3.0mm
D2
RED
PWR
D7
BLUE
ACT
H1
4 HEADER
J15
GND RXD TXD 5V
USB Device
J3
TYPE-C-31-M-12
OVP LED
RED
D3
C1
NC
C56
JACK1
DC 5V
POWER JACK_3
SW1
SPST PB
RESET
SW2
KEY
SW3
ONOFF
SW4
MODE
LCD-RGB888
FH12-40S-0.5SV
J13
SW5
NAND
EMMC
SD
USB
IMX6ULL_SOM_S1
J11
ETH1
HR911105A
J10
USB HOST
USBConn_TypeA
SW5
CHS-08B
J1
EBF6ULL S1 Mini
ETH2
HR911105A
H3
CN4
DIP_2X20
D6
D5
D4
BLUE
H4
J12


L3
330@100MHz
100K
74LVC1G125
74LVC1G125
R105
R104
1K
R5
1K
Q6
R102
10K
Q7
SSM3J328R
SSM3J328R
U8
U7
C33
100nF
10K
0.22uF
R3
C7
1K R101
Q8
2SK3018
100nF C3
10UF C4
C32
D1
SMAJ5.0CA
MT9700
U3
C169
100nF
AO3407
Q5
C6
10UF
R2
3.4K
C8
10UF
R4
3.4K
100K
10K
R103
R100
RB521S30
D12
Q1
MMBT3906TT1G
D11
MM5Z5V1ST1G
R99
4.7K
R97
R96
10K
3.3K
100K
R98
0.1uF
C55
0
F1
R46
C45
10K
100nF
R60
1K
R50
220R
R49
220R
R59
1K
R55
1K
R54
4.7K
C43
C42
100nF
22UF
470@100MHz
L5
C41
C40
100nF
22UF
KSZ8081RNB
U10
R62
1K
R47
1K
R57
NC
R58
1K
R56
1K
C39
100nF
6.49K
1K
1K
1K
4.7K
1K
1K
R48
R44
R45
R51
R52
R53
R61
330@100MHz
L6
C44
100nF
R66
10K
C52
100nF
1K
220R
220R
1K
1K
4.7K
R79
R69
R68
R78
R74
R73
C49
C50
22UF
100nF
470@100MHz
L7
C48
C47
100nF
22UF
KSZ8081RNB
U11
R81
1K
R65
1K
R76
NC
R77
1K
R75
1K
C46
100nF
6.49K
1K
1K
1K
4.7K
1K
1K
R67
R63
R64
R70
R71
R72
R80
330@100MHz
L8
C51
100nF
R24
470
R25
330
R26
100
R82
10K
C53
10UF
C54
100nF
74LV595PW
U12
R32
20R
1K
1K
1K
1K
1K
1K
1K
1K
R95
R94
R93
R92
R91
R90
R89
R88
C38
1uF
R43
15K
15K
R42
330@100MHz
L4
10K
R83
10K
R84
U1
MT9700
0.22uF
C5
10K
R1
L1
1uH
0.1UF
C13
22UF
C12
C11
0.1UF
C10
10UF
C9
10UF
U4
MP2144GJ
R7
44.2K
R6
200K
CN1
CR1220
RB521S30
D9
RB521S30
D8
SSM3J328R
Q2
C35
100nF
R36
R37
C37
R35
R34
R33
10K
0R
100nF
1K
10K
100R
J14
Q4
2SK3018
Q3
2SK3018
503398-1892
R8
C14
4.7K
100nF
D10
RB521S30
Z1
PESD3V3L1BA
PESD3V3L1BA
R21
C28
Z2
R22
1K
100nF
4.7K
C31
100nF
R85
10K
R86
100
R87
100
PESD3V3L1BA
Z3
R23
1K
PESD3V3L1BA
Z4