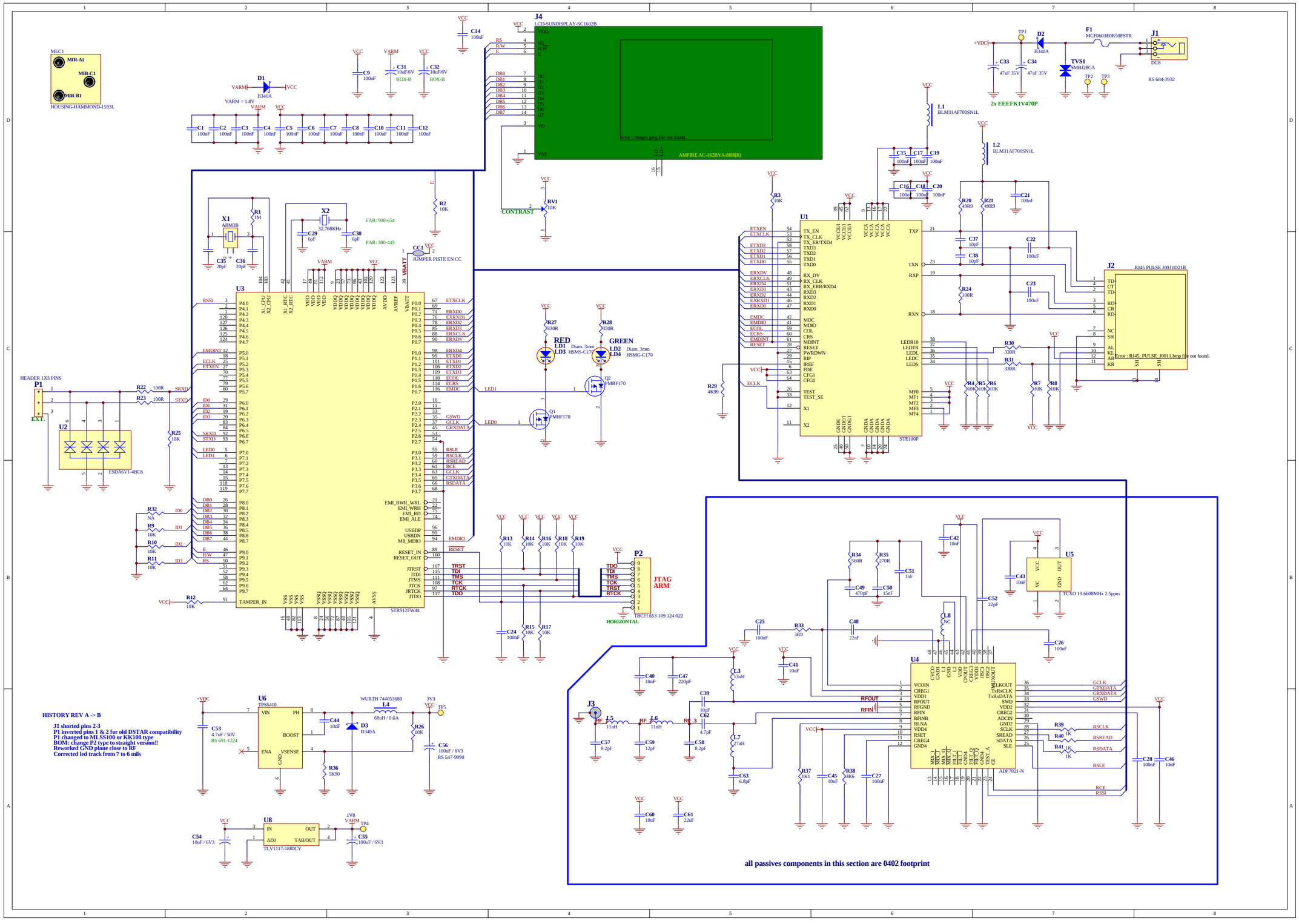
MEC1
MIR-A1
MIR-C1
MIR-B1
HOUSING-HAMMOND-1593L
D1
B340A
VARM = 1.8V
C1 100nF
C2 100nF
C3 100nF
C4 100nF
C5 100nF
C6 100nF
C7 100nF
C8 100nF
C10 100nF
C11 100nF
C12 100nF
C9 100nF
C31 10uF/6V BOX-B
C32 10uF/6V BOX-B
C14 100nF
J4
LCD-SUNDISPLAY-SC1602B
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AMPIRE AC-162BYA-80H(R)
CONTRAST
RV1 10K
R2 10K
X1 ABM3B
R1 1M
C35 20pF
C36 20pF
X2 32.768KHz
C29 6pF
C30 6pF
FAR: 908-654
FAR: 300-445
CC1
JUMPER PISTE EN CC
U3
STR912FW44
HEADER 1X3 PINS
P1
EXT.
R22 100R
R23 100R
U2
ESDA6V1-4BC6
R25 10K
R32 NA
R9 10K
R10 10K
R11 10K
R12 10K
R27 330R
R28 330R
RED
LD1 Diam. 3mm
LD3 HSMS-C170
GREEN
LD2 Diam. 3mm
LD4 HSMG-C170
Q1 PMBF170
Q2 PMBF170
R13 10K
R14 10K
R16 10K
R18 10K
R19 10K
R15 10K
R17 10K
C24 100nF
P2
JTAG ARM
HORIZONTAL
TBC!!! 653 109 124 022
+VDC
TP1
D2 B340A
F1 MCF0603E0R50FSTR
J1
DC8
RS 684-3932
C33 47uF 35V
C34 47uF 35V
TVS1 SMBJ28CA
TP2
TP3
2x EEEFK1V470P
L1 BLM31AF700SN1L
L2 BLM31AF700SN1L
C15 100nF
C17 100nF
C19 100nF
C16 100nF
C18 100nF
C20 100nF
R3 10K
U1
STE100P
R20 49R9
R21 49R9
C21 100nF
C37 10pF
C38 10pF
C22 100nF
C23 100nF
R24 100R
J2
RJ45 PULSE J0011D21B
Error : RJ45_PULSE_J0011.bmp file not found.
R30 330R
R31 330R
R29 4K99
R4 10K
R5 10K
R6 10K
R7 10K
R8 10K
R34 560R
R35 270R
C51 1nF
C49 470pF
C50 15nF
C42 10nF
U5
TCXO 19.6608MHz 2.5ppm
C43 10nF
C52 22pF
L8 NC
C26 100nF
C25 100nF
R33 3R9
C48 22nF
U4
ADF7021-N
C40 10nF
C47 220pF
L3 13nH
C41 10nF
J3
L5 11nH
L6 11nH
C39 10pF
C62 4.7pF
C57 8.2pF
C59 12pF
C58 8.2pF
L7 27nH
C63 6.8pF
R37 1K1
C45 10nF
R38 3K6
C27 100nF
R39 1K
R40 1K
R41 1K
C28 100nF
C46 10nF
C60 10uF
C61 22uF
U6
TPS5410
C53 4.7uF / 50V
RS 691-1224
WURTH 744053680
L4 68uH / 0.6A
D3 B340A
C44 10nF
R36 5K90
R26 10K
C56 100uF / 6V3
RS 547-9990
3V3
TP5
U8
TLV1117-18IDCY
C54 10uF / 6V3
C55 100uF / 6V3
1V8
VARM
TP4
HISTORY REV A -> B
J1 shorted pins 2-3
P1 inverted pins 1 & 2 for old DSTAR compatibility
P1 changed to MLSS100 or KK100 type
BOM: change P2 type to straight version!!
Reworked GND plane close to RF
Corrected led track from 7 to 6 mils
all passives components in this section are 0402 footprint