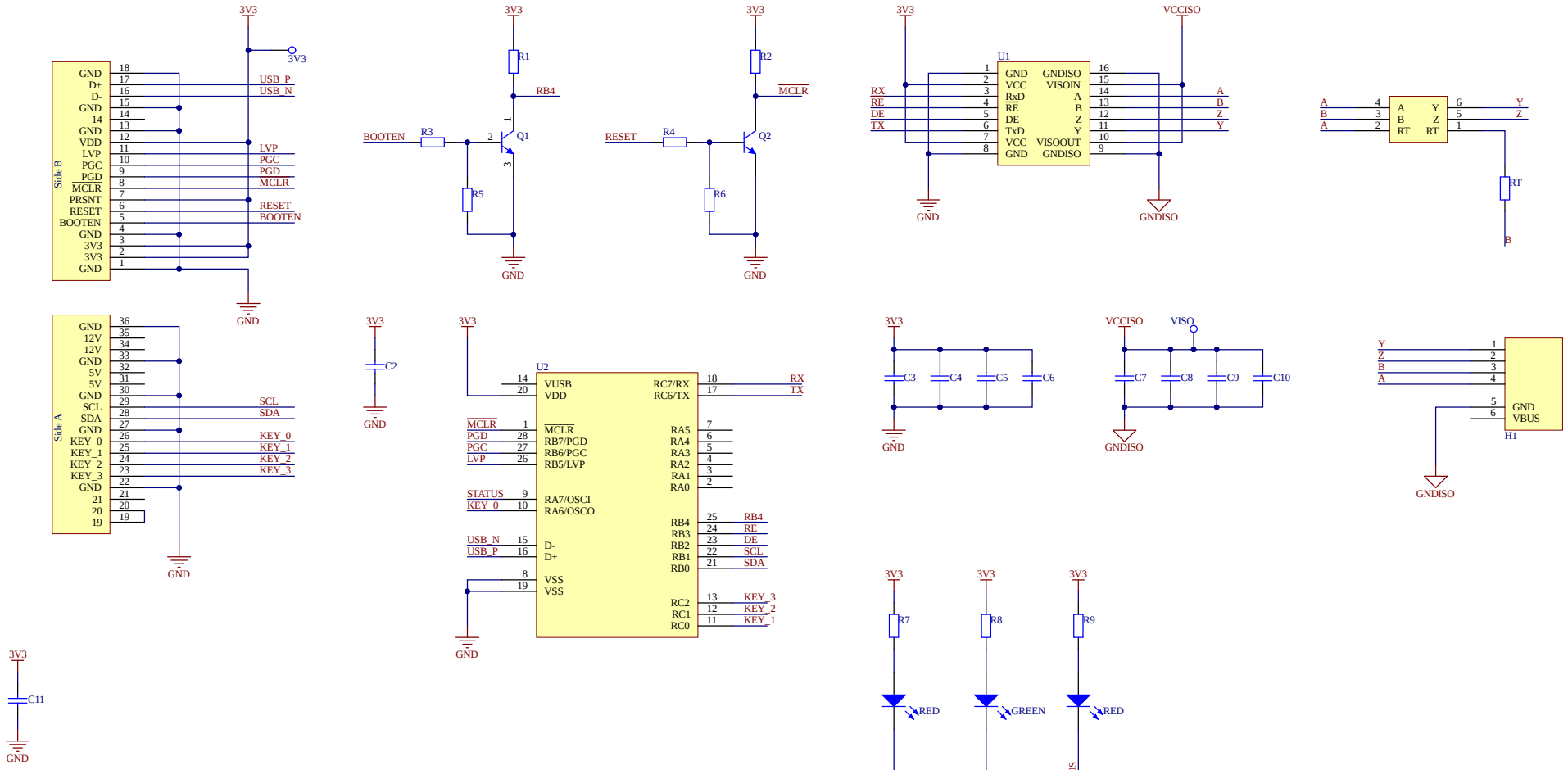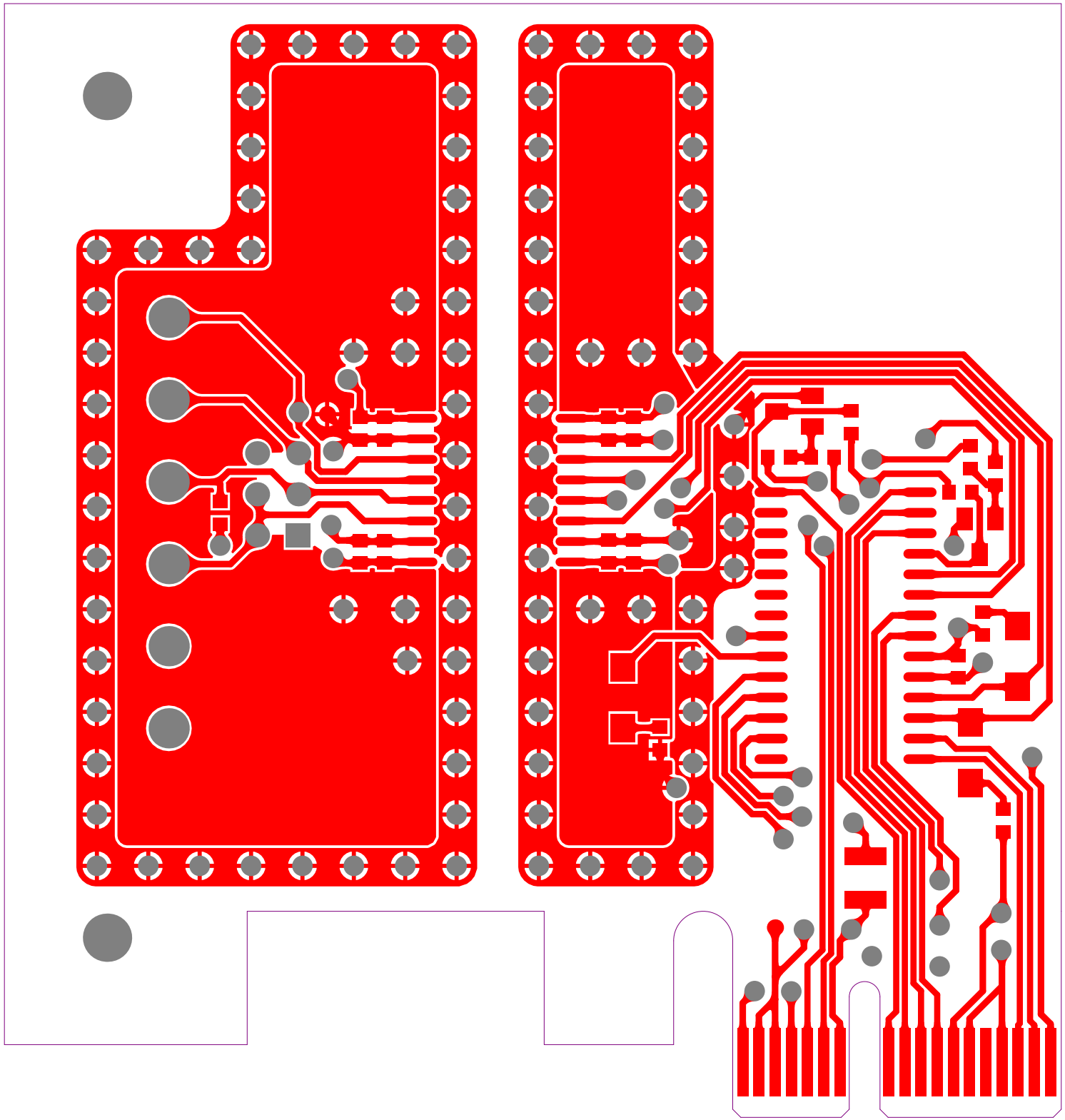
Side B
GND
D+
D-
GND
14
GND
VDD
LVP
PGC
PGD
MCLR
PRSNT
RESET
BOOTEN
GND
3V3
3V3
GND
USB_P
USB_N
LVP
PGC
PGD
MCLR
RESET
BOOTEN
3V3
R1
RB4
BOOTEN
R3
Q1
R5
GND
3V3
R2
MCLR
RESET
R4
Q2
R6
GND
3V3
VCCISO
U1
RX
RE
DE
TX
GND
GNDISO
VCCISO
GND
GNDISO
A
B
Z
Y
A
B
A
RT
B
Y
Z
Side A
GND
12V
12V
GND
5V
5V
GND
SCL
SDA
GND
KEY_0
KEY_1
KEY_2
KEY_3
GND
SCL
SDA
KEY_0
KEY_1
KEY_2
KEY_3
GND
3V3
C2
GND
3V3
U2
VUSB
VDD
MCLR
RB7/PGD
RB6/PGC
RB5/LVP
RA7/OSCI
RA6/OSCO
D-
D+
VSS
VSS
RC7/RX
RC6/TX
RA5
RA4
RA3
RA2
RA1
RA0
RB4
RB3
RB2
RB1
RB0
RC2
RC1
RC0
RX
TX
STATUS
KEY_0
MCLR
PGD
PGC
LVP
USB_N
USB_P
RB4
RE
DE
SCL
SDA
KEY_3
KEY_2
KEY_1
GND
3V3
C3
C4
C5
C6
GND
VCCISO
VISO
C7
C8
C9
C10
GND
Y
Z
B
A
GND
VBUS
H1
GND
3V3
C11
GND
3V3
R7
RED
RX
3V3
R8
GREEN
TX
3V3
R9
RED
STATUS