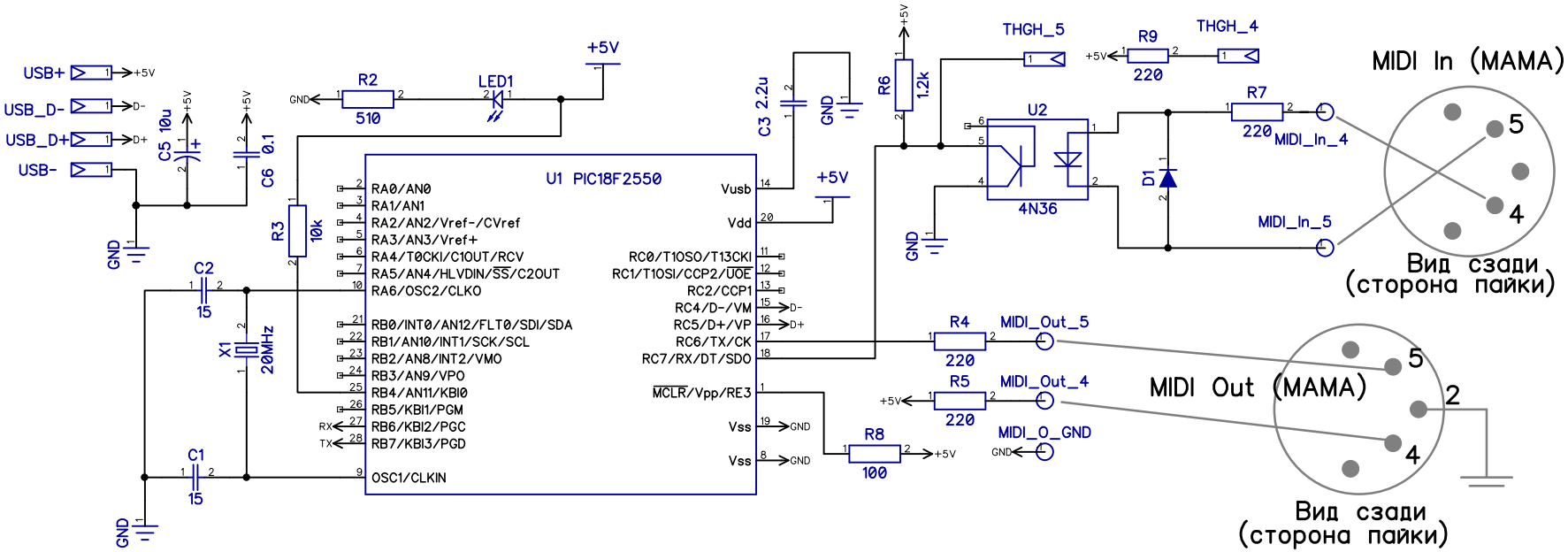

USB+
USB_D-
USB_D+
USB-
+5V
D-
D+
GND
C5 10u
C6 0.1
R2
510
LED1
R3
10k
C2
15
X1
20MHz
C1
15
U1 PIC18F2550
RA0/AN0
RA1/AN1
RA2/AN2/Vref-/CVref
RA3/AN3/Vref+
RA4/T0CKI/C1OUT/RCV
RA5/AN4/HLVDIN/SS/C2OUT
RA6/OSC2/CLKO
RB0/INT0/AN12/FLT0/SDI/SDA
RB1/AN10/INT1/SCK/SCL
RB2/AN8/INT2/VMO
RB3/AN9/VPO
RB4/AN11/KBI0
RB5/KBI1/PGM
RB6/KBI2/PGC
RB7/KBI3/PGD
OSC1/CLKIN
Vusb
Vdd
RC0/T1OSO/T13CKI
RC1/T1OSI/CCP2/UOE
RC2/CCP1
RC4/D-/VM
RC5/D+/VP
RC6/TX/CK
RC7/RX/DT/SDO
MCLR/Vpp/RE3
Vss
Vss
RX
TX
C3 2.2u
R6
1.2k
THGH_5
R9
220
THGH_4
U2
4N36
D1
R7
220
MIDI_In_4
MIDI_In_5
MIDI In (MAMA)
5
4
Вид сзади
(сторона пайки)
R4
220
MIDI_Out_5
R5
220
MIDI_Out_4
MIDI_O_GND
R8
100
MIDI Out (MAMA)
5
2
4
Вид сзади
(сторона пайки)