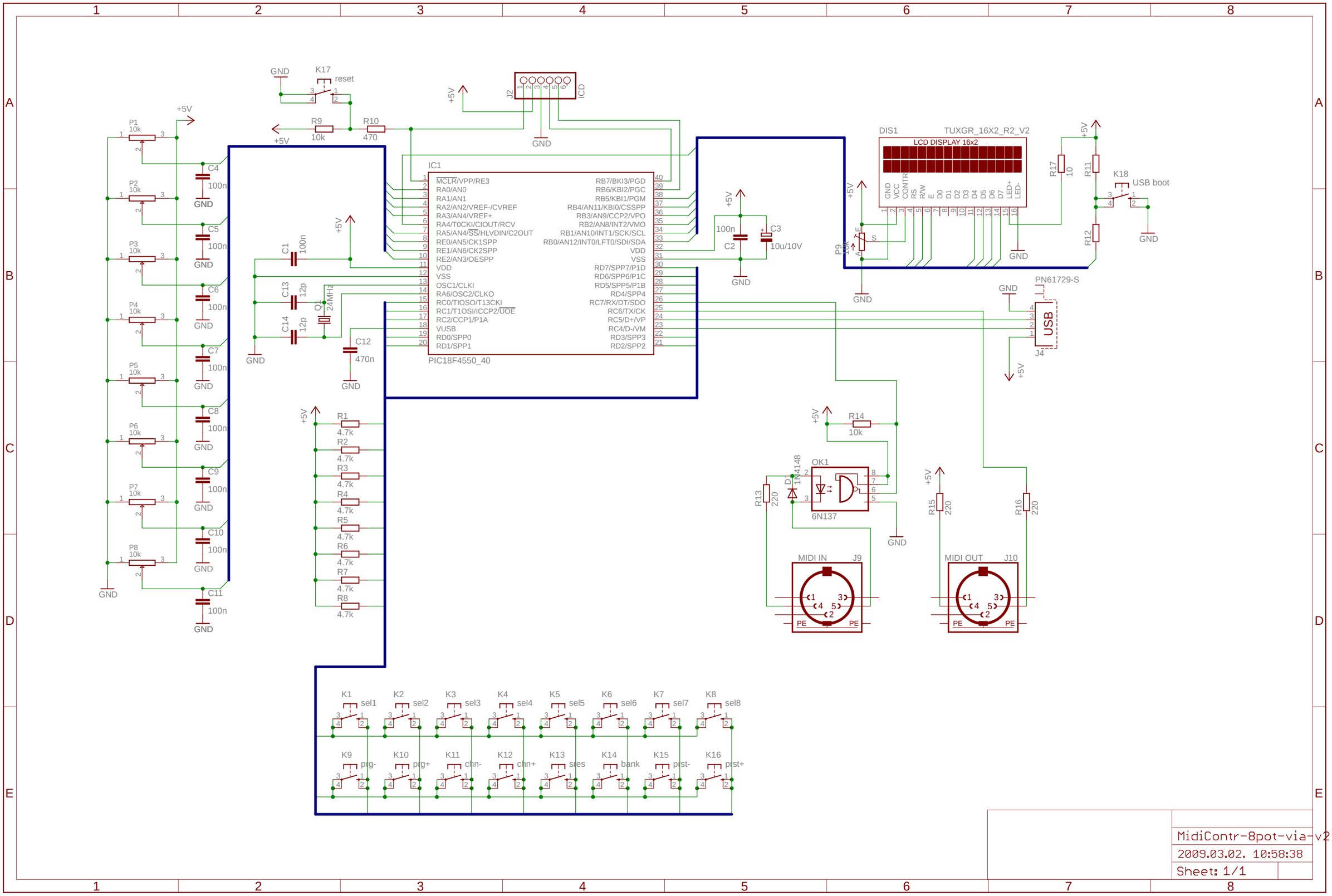
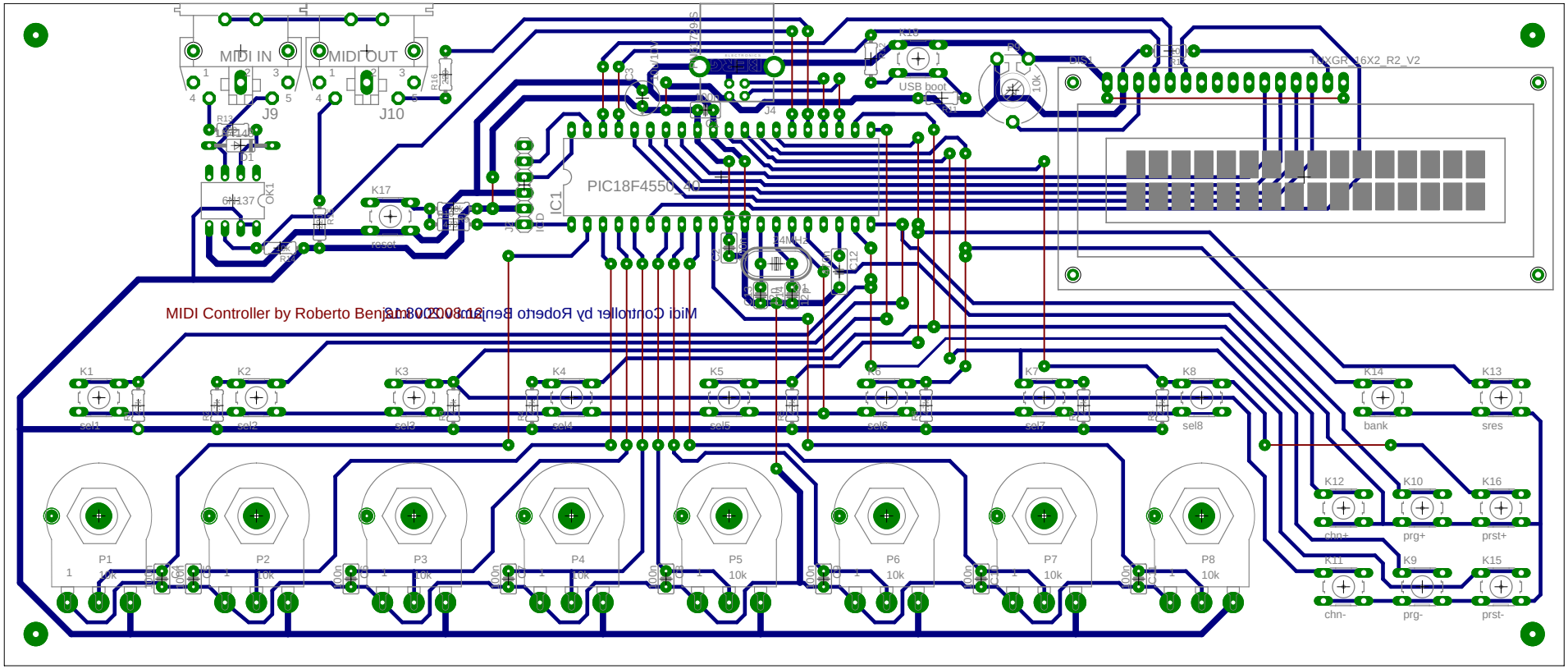
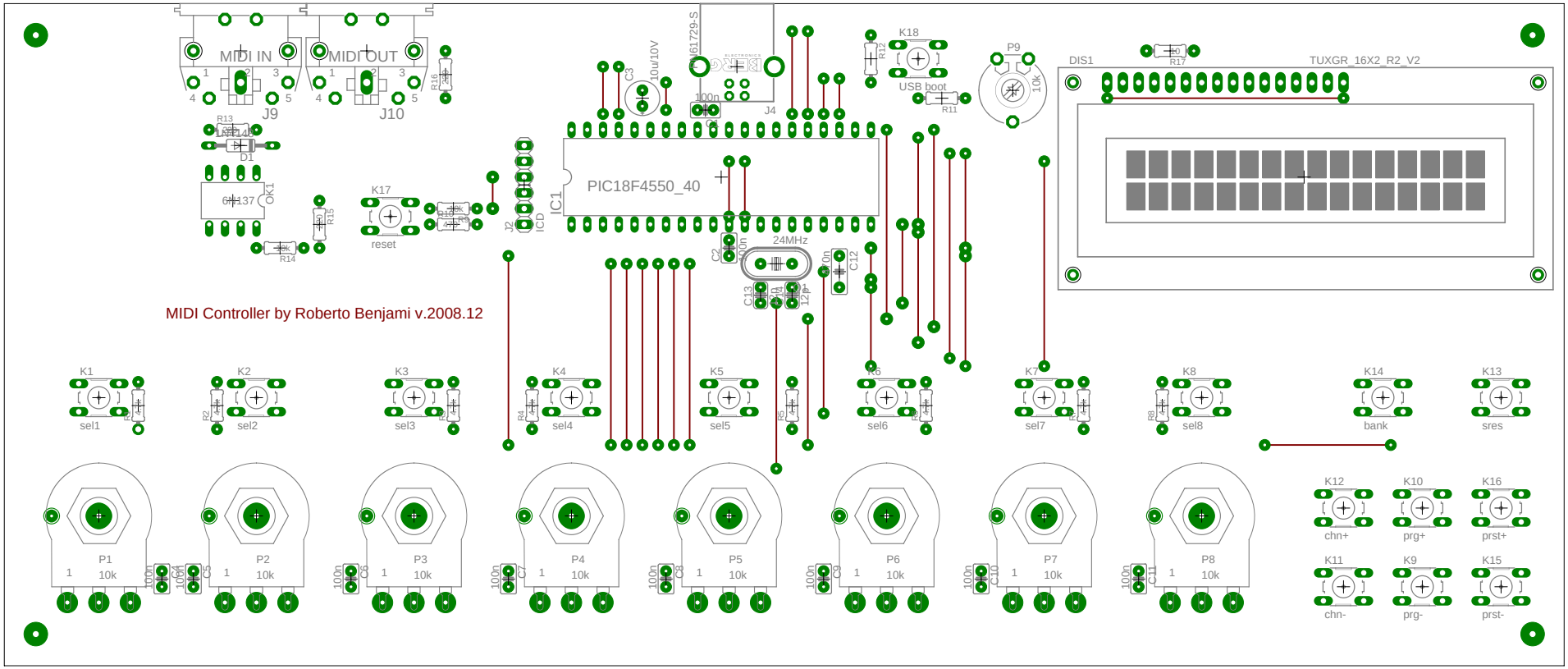
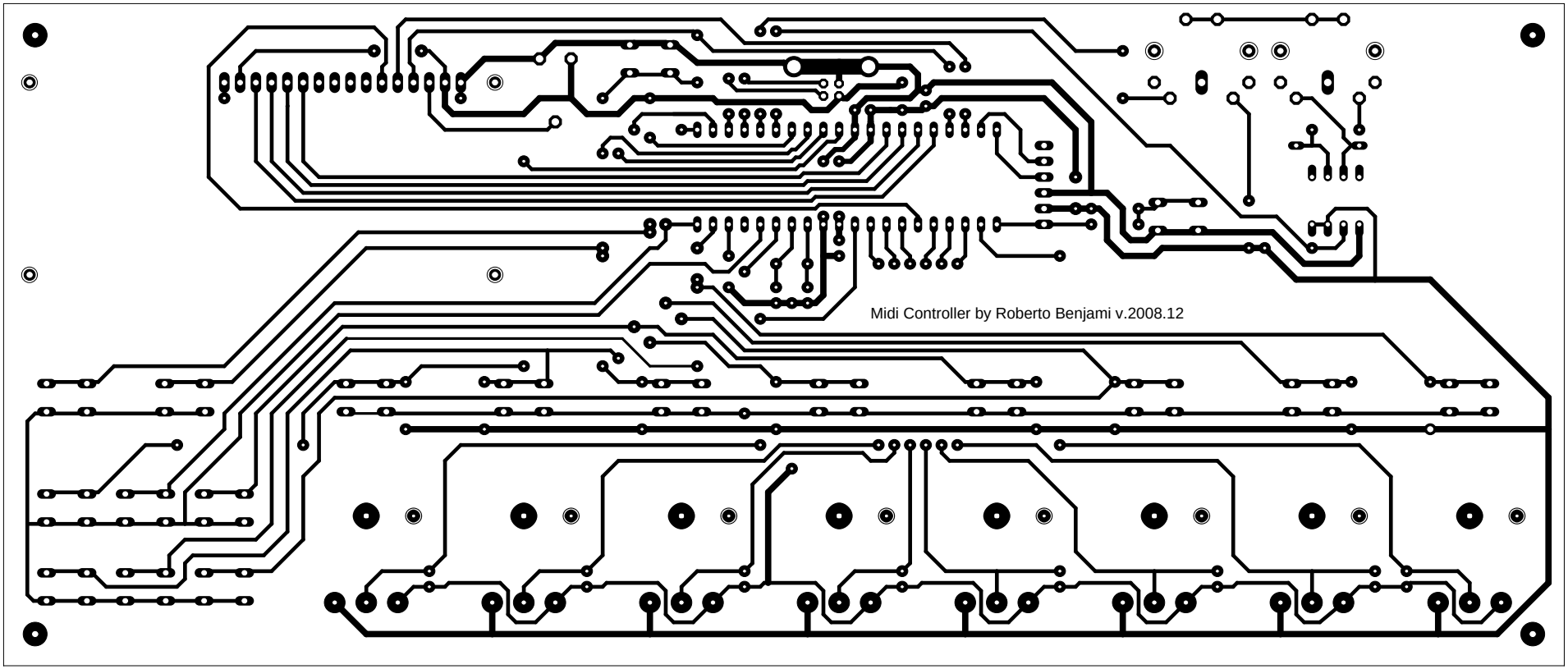

IC1
PIC18F4550_40
MCLR/VPP/RE3
RA0/AN0
RA1/AN1
RA2/AN2/VREF-/CVREF
RA3/AN4/VREF+
RA4/T0CKI/CIOUT/RCV
RA5/AN4/SS/HLVDIN/C2OUT
RE0/AN5/CK1SPP
RE1/AN6/CK2SPP
RE2/AN3/OESPP
VDD
VSS
OSC1/CLKI
RA6/OSC2/CLKO
RC0/TIOSO/T13CKI
RC1/T1OSI/ICCP2/UOE
RC2/CCP1/P1A
VUSB
RD0/SPP0
RD1/SPP1
RB7/BKI3/PGD
RB6/KBI2/PGC
RB5/KBI1/PGM
RB4/AN11/KBI0/CSSPP
RB3/AN9/CCP2/VPO
RB2/AN8/INT2/VMO
RB1/AN10/INT1/SCK/SCL
RB0/AN12/INT0/LFT0/SDI/SDA
VDD
VSS
RD7/SPP7/P1D
RD6/SPP6/P1C
RD5/SPP5/P1B
RD4/SPP4
RC7/RX/DT/SDO
RC6/TX/CK
RC5/D+/VP
RC4/D-/VM
RD3/SPP3
RD2/SPP2
DIS1
TUXGR_16X2_R2_V2
LCD DISPLAY 16x2
GND
VCC
CONTR
RS
R/W
E
D0
D1
D2
D3
D4
D5
D6
D7
LED+
LED-
J2
ICD
K17
reset
K18
USB boot
PN61729-S
USB
J4
OK1
6N137
D1
1N4148
MIDI IN
J9
MIDI OUT
J10
PE
K1
sel1
K2
sel2
K3
sel3
K4
sel4
K5
sel5
K6
sel6
K7
sel7
K8
sel8
K9
prg-
K10
prg+
K11
chn-
K12
chn+
K13
sres
K14
bank
K15
prst-
K16
prst+
P1
P2
P3
P4
P5
P6
P7
P8
P9
10k
R1
R2
R3
R4
R5
R6
R7
R8
4.7k
R9
10k
R10
470
R11
R12
R13
R14
R15
R16
R17
220
10
C1
C2
C3
C4
C5
C6
C7
C8
C9
C10
C11
C12
C13
C14
100n
12p
470n
10u/10V
Q1
24MHz
+5V
GND
MidiContr-8pot-via-v2
2009.03.02. 10:58:38
Sheet: 1/1


MIDI IN
MIDI OUT
J9
J10
PIC18F4550_40
IC1
J4
USB boot
K17
reset
K1
K2
K3
K4
K5
K6
K7
K8
K14
K13
sel1
sel2
sel3
sel4
sel5
sel6
sel7
sel8
bank
sres
K12
K10
K16
chn+
prg+
prst+
K11
K9
K15
chn-
prg-
prst-
P1
P2
P3
P4
P5
P6
P7
P8
10k
MIDI Controller by Roberto Benjamin 2008-12


MIDI IN
MIDI OUT
J9
J10
R16
R13
D1
K1
R15
R14
K17
reset
R10
R9
J2
ICD
IC1
PIC18F4550_40
C3
10u/10V
100n
C1
J4
K18
USB boot
R11
R12
P9
10k
DIS1
R17
TUXGR_16X2_R2_V2
C2
24MHz
C13
C14
12p
C12
MIDI Controller by Roberto Benjami v.2008.12
K1
sel1
K2
sel2
K3
sel3
K4
sel4
K5
sel5
K6
sel6
K7
sel7
K8
sel8
K14
bank
K13
sres
P1
10k
P2
10k
P3
10k
P4
10k
P5
10k
P6
10k
P7
10k
P8
10k
K12
chn+
K10
prg+
K16
prst+
K11
chn-
K9
prg-
K15
prst-


Midi Controller by Roberto Benjami v.2008.12

Midi Controller by Roberto Benjami v.2008.12