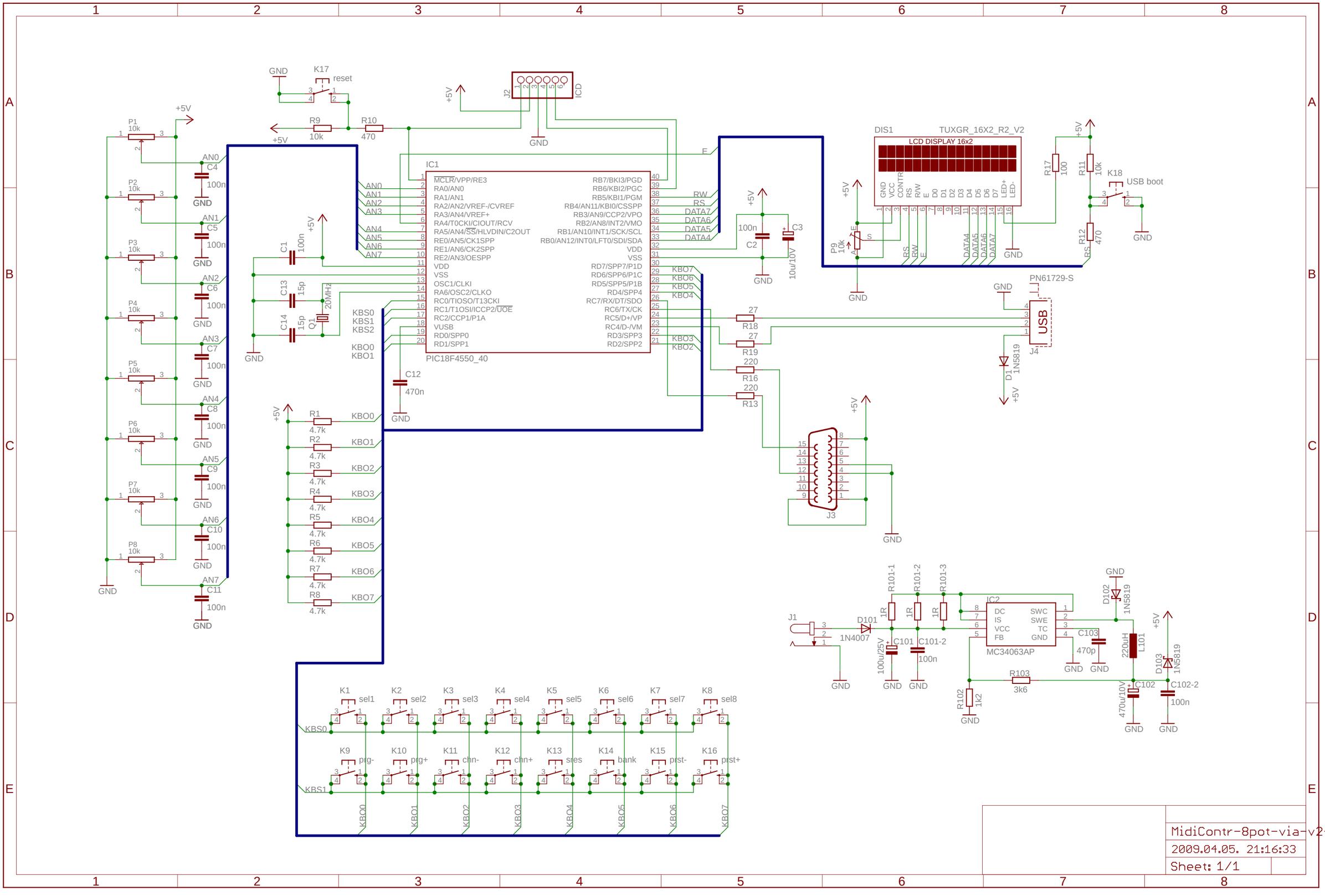
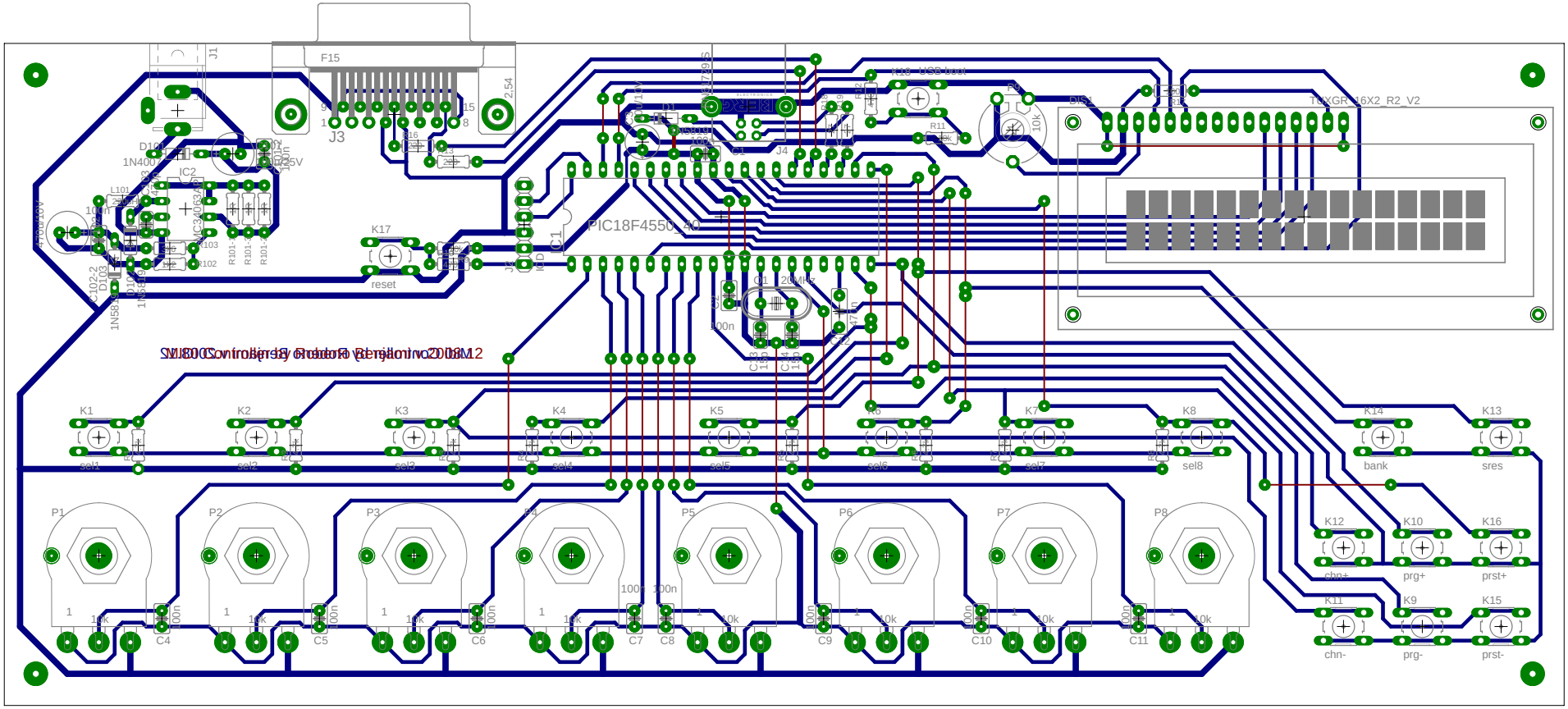

IC1
PIC18F4550_40
MCLR/VPP/RE3
RA0/AN0
RA1/AN1
RA2/AN2/VREF-/CVREF
RA3/AN4/VREF+
RA4/T0CKI/CIOUT/RCV
RA5/AN4/SS/HLVDIN/C2OUT
RE0/AN5/CK1SPP
RE1/AN6/CK2SPP
RE2/AN3/OESPP
VDD
VSS
OSC1/CLKI
RA6/OSC2/CLKO
RC0/TIOSO/T13CKI
RC1/T1OSI/ICCP2/UOE
RC2/CCP1/P1A
VUSB
RD0/SPP0
RD1/SPP1
RB7/BKI3/PGD
RB6/KBI2/PGC
RB5/KBI1/PGM
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-
PN61729-S
USB
J4
J3
J2
ICD
J1
IC2
MC34063AP
DC IS VCC FB SWC SWE TC GND
K17 reset
K18 USB boot
D1 1N5819
D101 1N4007
D102 1N5819
D103 1N5819
L101 220uH
Q1 20MHz
P1 10k
P2 10k
P3 10k
P4 10k
P5 10k
P6 10k
P7 10k
P8 10k
P9 10k
R9 10k
R10 470
R11 10k
R12 470
R17 100
R18 27
R19 27
R16 220
R13 220
R1 4.7k
R2 4.7k
R3 4.7k
R4 4.7k
R5 4.7k
R6 4.7k
R7 4.7k
R8 4.7k
R101-1 1R
R101-2 1R
R101-3 1R
R102 1k2
R103 3k6
C1 100n
C2 100n
C3 10u/10V
C4 100n
C5 100n
C6 100n
C7 100n
C8 100n
C9 100n
C10 100n
C11 100n
C12 470n
C13 15p
C14 15p
C101 100u/25V
C101-2 100n
C102 470u/10V
C102-2 100n
C103 470p
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 ses
K14 bank
K15 prst-
K16 prst+
AN0 AN1 AN2 AN3 AN4 AN5 AN6 AN7
KBS0 KBS1 KBS2
KBO0 KBO1 KBO2 KBO3 KBO4 KBO5 KBO6 KBO7
RW RS DATA7 DATA6 DATA5 DATA4
+5V
GND
MidiContr-8pot-via-v2-c
2009.04.05. 21:16:33
Sheet: 1/1


MIDI Controller Module (version 2008-12
F15
J3
J1
D101
1N4007
IC2
MC34063A
L101
100µ
470µ/10V
D102-2
D103
1N5819
D104
1N5819
R101
R102
R103
C101
100n
C102
100n
K17
reset
PIC18F4550_40
C1
J2
J4
Q1
20MHz
C3
100n
C12
C13
C14
C15
C16
C17
C18
C19
C20
C21
C22
C23
C24
C25
C26
C27
C28
C29
C30
C31
C32
C33
C34
C35
C36
C37
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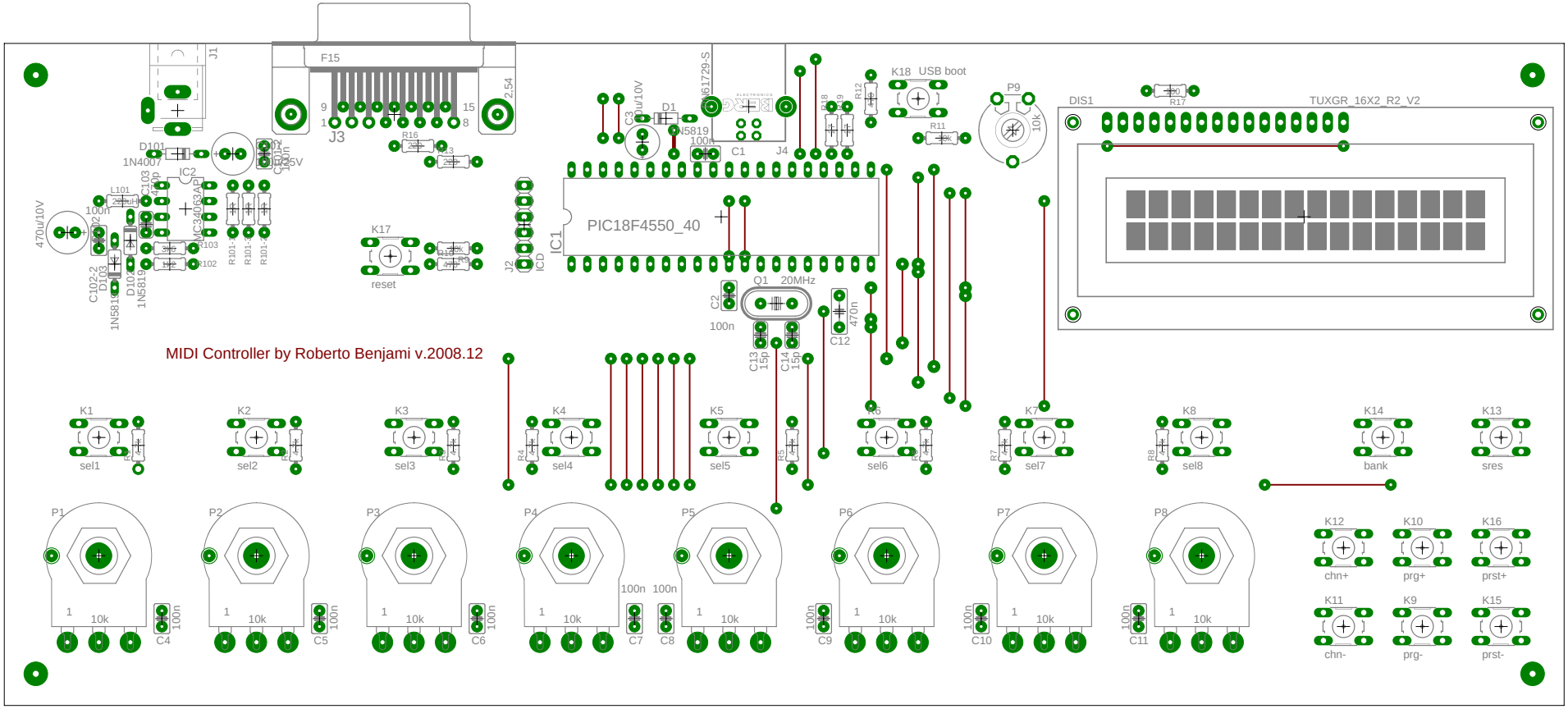
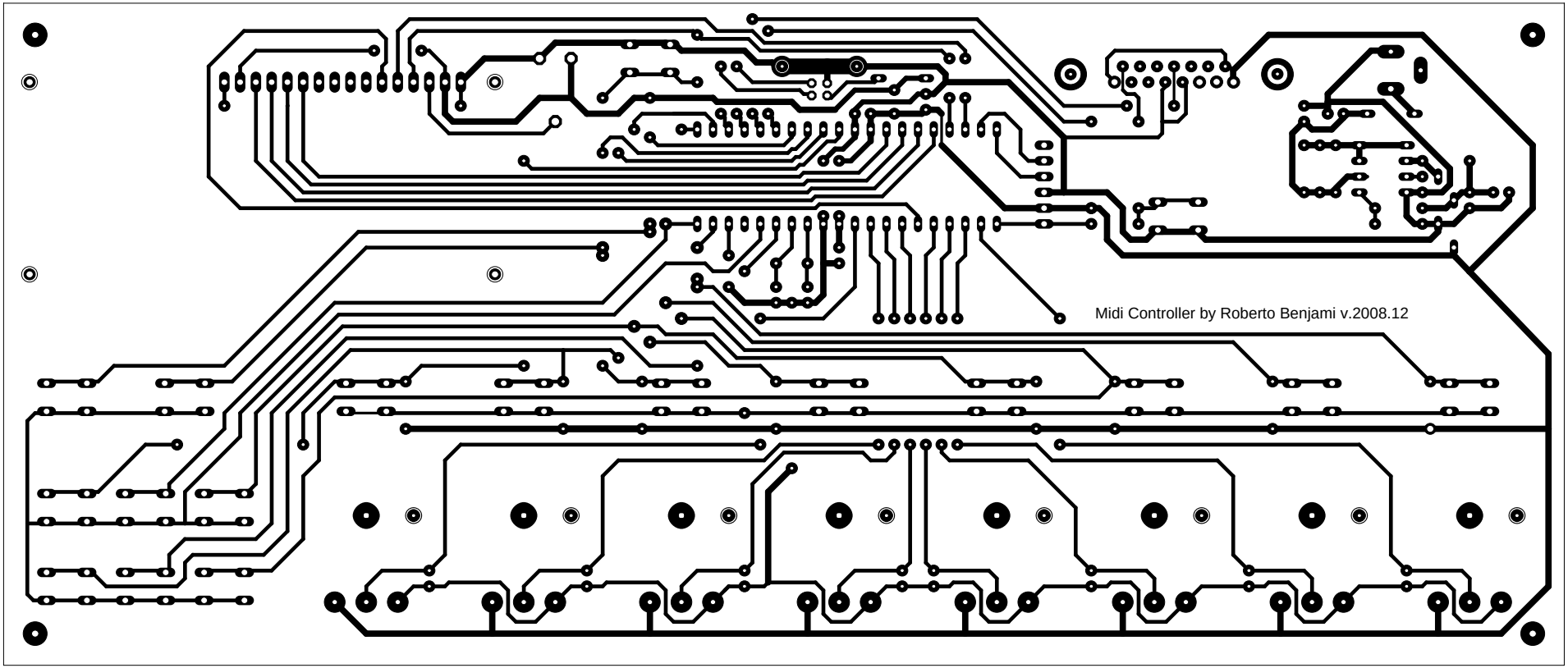
C44
C45
C46
C47
C48
C49
C50
C51


MIDI Controller by Roberto Benjami v.2008.12
PIC18F4550_40
IC1
Q1 20MHz
J3
F15
J1
J4
J2
ICD
K17
reset
K18 USB boot
P9
10k
DIS1
TUXGR_16X2_R2_V2
D101
1N4007
IC2
MC34063AP
470u/10V
D1
1N5819
C3
C1
100n
K1
sel1
K2
sel2
K3
sel3
K4
sel4
K5
sel5
K6
sel6
K7
sel7
K8
sel8
K14
bank
K13
sres
K12
chn+
K10
prg+
K16
prst+
K11
chn-
K9
prg-
K15
prst-
P1
P2
P3
P4
P5
P6
P7
P8
C4
C5
C6
C7
C8
C9
C10
C11
C2
C12
C13
15p
C14
15p
470n


Midi Controller by Roberto Benjami v.2008.12

Midi Controller by Roberto Benjami v.2008.12