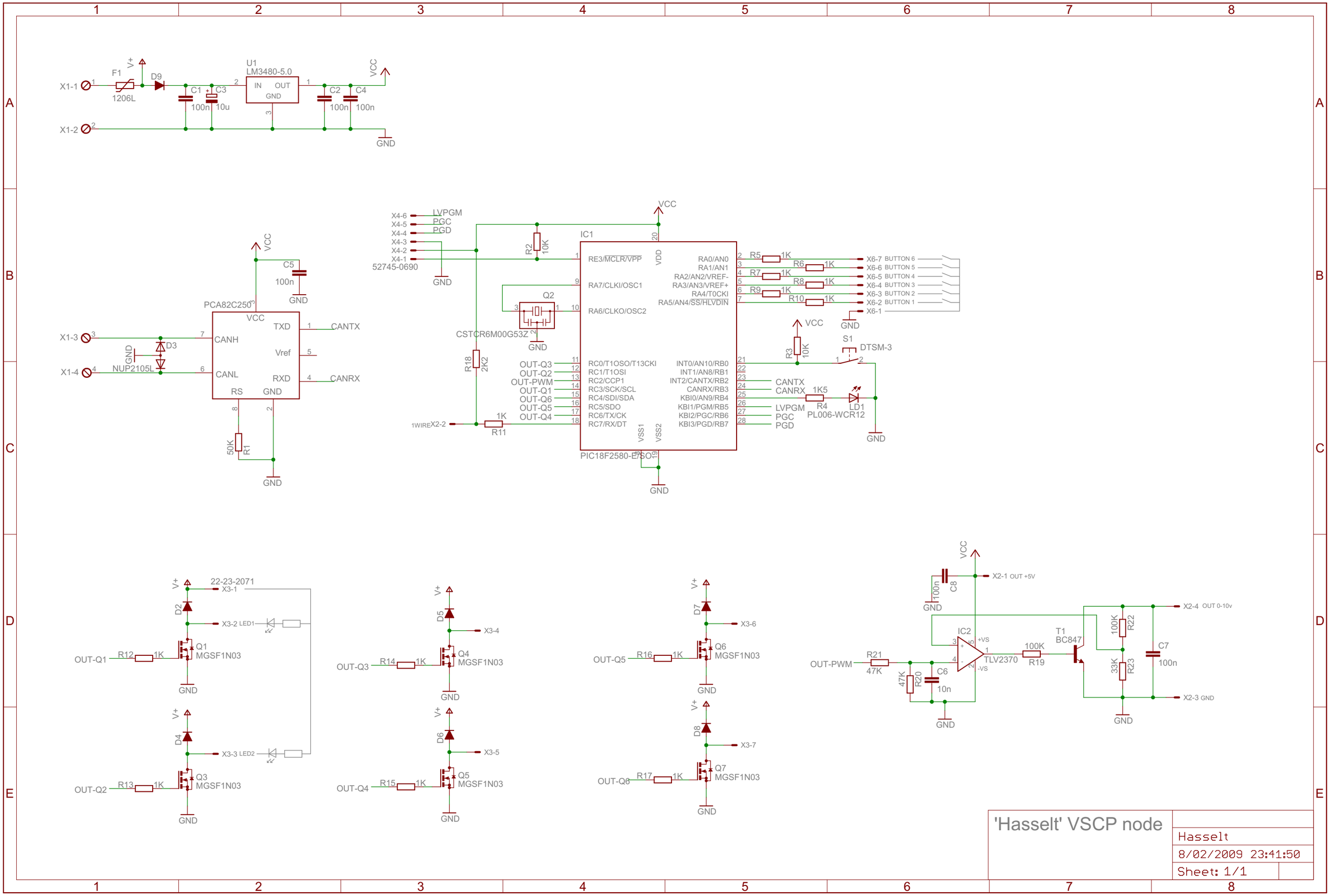
U1
LM3480-5.0
IN
OUT
GND
F1
1206L
D9
V+
VCC
C1
100n
C3
10u
C2
100n
C4
100n
X1-1
X1-2
GND
PCA82C250
VCC
TXD
CANH
Vref
CANL
RXD
RS
GND
CANTX
CANRX
C5
100n
X1-3
X1-4
D3
NUP2105L
R1
50K
IC1
PIC18F2580-E/SO
RE3/MCLR/VPP
RA7/CLKI/OSC1
RA6/CLKO/OSC2
RA0/AN0
RA1/AN1
RA2/AN2/VREF-
RA3/AN3/VREF+
RA4/T0CKI
RA5/AN4/SS/HLVDIN
RC0/T1OSO/T13CKI
RC1/T1OSI
RC2/CCP1
RC3/SCK/SCL
RC4/SDI/SDA
RC5/SDO
RC6/TX/CK
RC7/RX/DT
INT0/AN10/RB0
INT1/AN8/RB1
INT2/CANTX/RB2
CANRX/RB3
KBI0/AN9/RB4
KBI1/PGM/RB5
KBI2/PGC/RB6
KBI3/PGD/RB7
VDD
VSS1
VSS2
X4-6
X4-5
X4-4
X4-3
X4-2
X4-1
LVPGM
PGC
PGD
52745-0690
R2
10K
Q2
CSTCR6M00G53Z
R18
2K2
OUT-Q3
OUT-Q2
OUT-PWM
OUT-Q1
OUT-Q6
OUT-Q5
OUT-Q4
1WIRE
X2-2
R11
1K
R5
R6
R7
R8
R9
R10
X6-7 BUTTON 6
X6-6 BUTTON 5
X6-5 BUTTON 4
X6-4 BUTTON 3
X6-3 BUTTON 2
X6-2 BUTTON 1
X6-1
R3
10K
S1
DTSM-3
R4
1K5
LD1
PL006-WCR12
22-23-2071
X3-1
X3-2 LED1
X3-3 LED2
D2
D4
Q1
MGSF1N03
Q3
MGSF1N03
R12
R13
D5
D6
X3-4
X3-5
Q4
MGSF1N03
Q5
MGSF1N03
R14
R15
D7
D8
X3-6
X3-7
Q6
MGSF1N03
Q7
MGSF1N03
R16
R17
C8
100n
X2-1 OUT +5V
IC2
TLV2370
+VS
-VS
R21
47K
R20
47K
C6
10n
R19
100K
T1
BC847
R22
100K
R23
33K
C7
100n
X2-4 OUT 0-10v
X2-3 GND
'Hasselt' VSCP node
Hasselt
8/02/2009 23:41:50
Sheet: 1/1