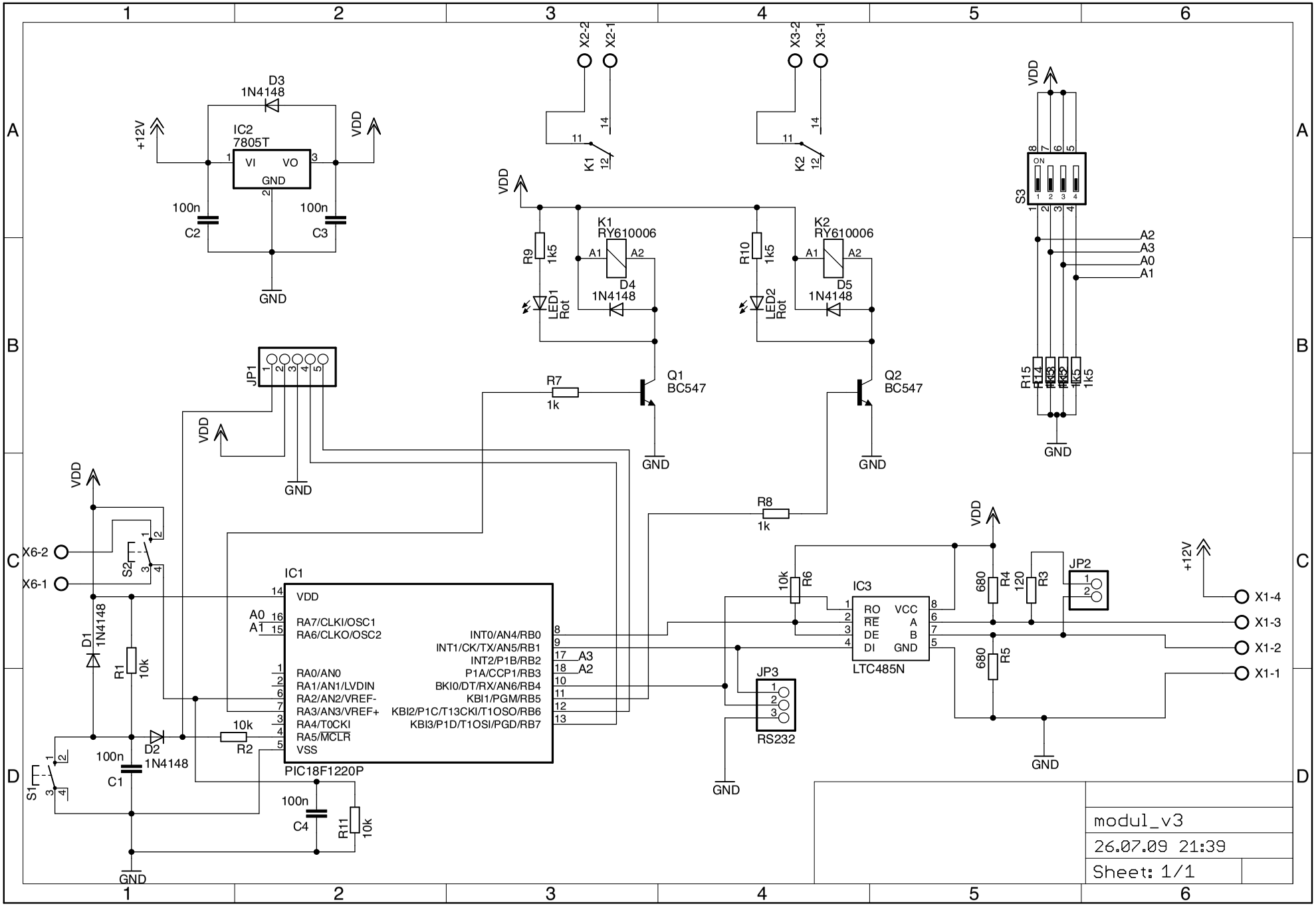
IC2
7805T
VI
VO
GND
D3
1N4148
+12V
VDD
100n
C2
C3
X2-2
X2-1
X3-2
X3-1
K1
K2
K1
RY610006
K2
RY610006
A1
A2
D4
1N4148
D5
1N4148
R9
1k5
R10
1k5
LED1
Rot
LED2
Rot
Q1
BC547
Q2
BC547
R7
1k
R8
1k
S3
ON
A2
A3
A0
A1
R15
R14
R13
R12
R11
1k5
JP1
X6-2
X6-1
S2
S1
D1
1N4148
R1
10k
D2
1N4148
R2
10k
C1
100n
C4
R11
10k
IC1
PIC18F1220P
VDD
RA7/CLKI/OSC1
RA6/CLKO/OSC2
RA0/AN0
RA1/AN1/LVDIN
RA2/AN2/VREF-
RA3/AN3/VREF+
RA4/T0CKI
RA5/MCLR
VSS
INT0/AN4/RB0
INT1/CK/TX/AN5/RB1
INT2/P1B/RB2
P1A/CCP1/RB3
BKI0/DT/RX/AN6/RB4
KBI1/PGM/RB5
KBI2/P1C/T13CKI/T1OSO/RB6
KBI3/P1D/T1OSI/PGD/RB7
A0
A1
A3
A2
JP3
RS232
IC3
LTC485N
RO
RE
DE
DI
VCC
A
B
GND
R6
10k
R4
680
R3
120
R5
680
JP2
X1-4
X1-3
X1-2
X1-1
modul_v3
26.07.09 21:39
Sheet: 1/1