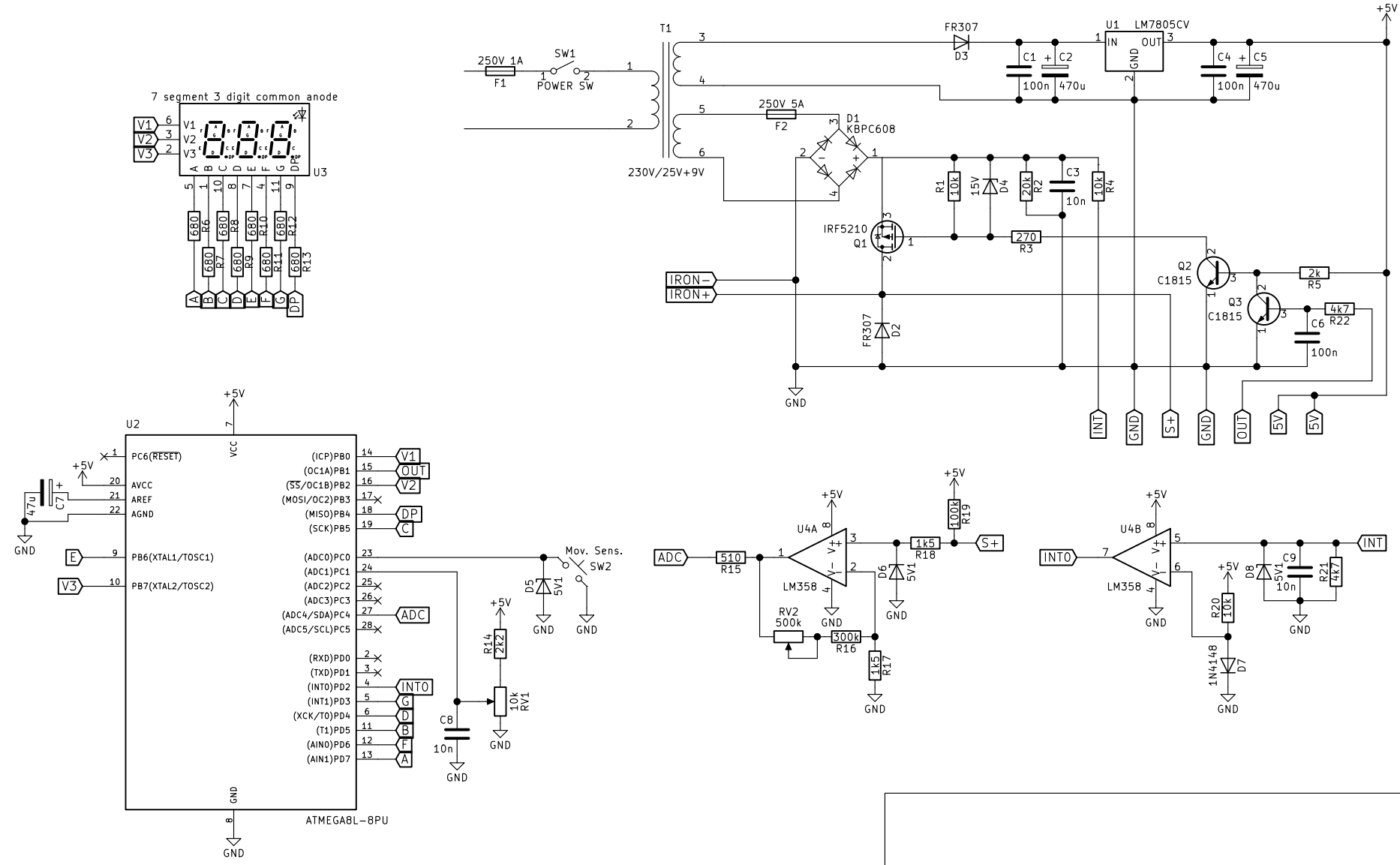
7 segment 3 digit common anode
U3
V1
V2
V3
A
B
C
D
E
F
G
DP
R6 680
R7 680
R8 680
R9 680
R10 680
R11 680
R12 680
R13 680
T1
250V 1A
F1
SW1
POWER SW
230V/25V+9V
250V 5A
F2
D1
KBPC608
FR307
D3
C1 100n
C2 470u
U1 LM7805CV
IN
GND
OUT
C4 100n
C5 470u
+5V
R1 10k
D4 15V
R2 20k
C3 10n
R4 10k
IRF5210
Q1
R3 270
IRON−
IRON+
FR307
D2
Q2
C1815
R5 2k
Q3
C1815
R22 4k7
C6 100n
INT
GND
S+
GND
OUT
5V
5V
U2
ATMEGA8L−8PU
PC6(RESET)
AVCC
AREF
AGND
PB6(XTAL1/TOSC1)
PB7(XTAL2/TOSC2)
(ICP)PB0
(OC1A)PB1
(SS/OC1B)PB2
(MOSI/OC2)PB3
(MISO)PB4
(SCK)PB5
(ADC0)PC0
(ADC1)PC1
(ADC2)PC2
(ADC3)PC3
(ADC4/SDA)PC4
(ADC5/SCL)PC5
(RXD)PD0
(TXD)PD1
(INT0)PD2
(INT1)PD3
(XCK/T0)PD4
(T1)PD5
(AIN0)PD6
(AIN1)PD7
VCC
GND
C7 47u
E
V3
V1
OUT
V2
DP
C
ADC
INT0
G
D
B
F
A
D5 5V1
Mov. Sens.
SW2
R14 2k2
RV1 10k
C8 10n
U4A
LM358
ADC
R15 510
RV2 500k
R16 300k
R17 1k5
R18 1k5
R19 100k
D6 5V1
S+
U4B
LM358
INT0
R20 10k
D7 1N4148
D8 5V1
C9 10n
R21 4k7
INT
Sheet: /
File: AI3210.sch
Title: AOYUE Int3210
Size: A4
Date: 2018−01−26
Rev: 1
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Id: 1/1