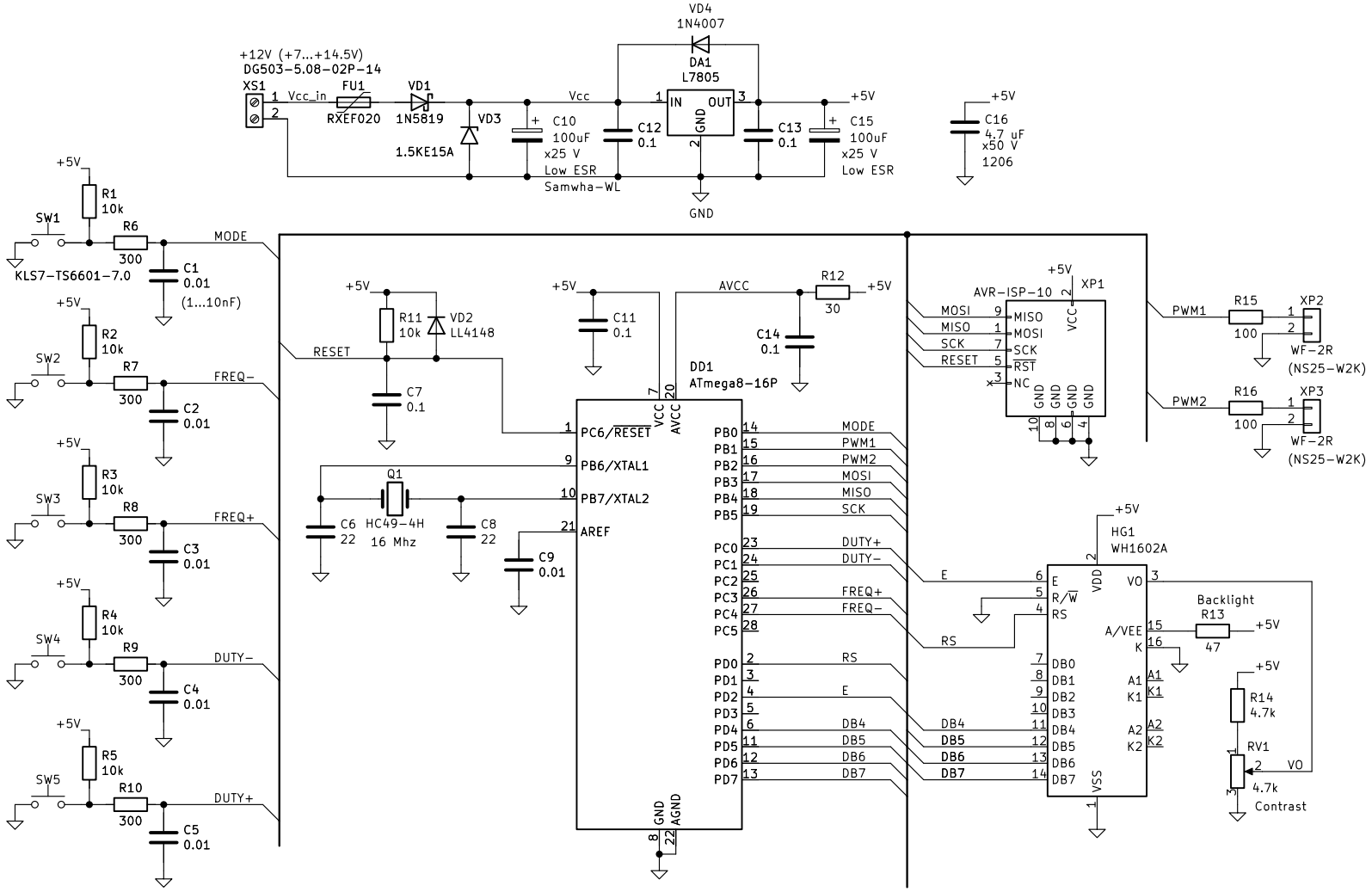
VD4
1N4007
DA1
L7805
+12V (+7...+14.5V)
DG503-5.08-02P-14
XS1
Vcc_in
FU1
RXEF020
VD1
1N5819
VD3
1.5KE15A
Vcc
C10
100uF
x25 V
Low ESR
Samwha-WL
C12
0.1
IN
OUT
GND
C13
0.1
+5V
C15
100uF
x25 V
Low ESR
C16
4.7 uF
x50 V
1206
R1
10k
SW1
R6
300
C1
0.01
(1...10nF)
KLS7-TS6601-7.0
MODE
R2
10k
SW2
R7
300
C2
0.01
FREQ-
R3
10k
SW3
R8
300
C3
0.01
FREQ+
R4
10k
SW4
R9
300
C4
0.01
DUTY-
R5
10k
SW5
R10
300
C5
0.01
DUTY+
R11
10k
VD2
LL4148
RESET
C7
0.1
C11
0.1
AVCC
R12
30
C14
0.1
DD1
ATmega8-16P
PC6/RESET
PB6/XTAL1
PB7/XTAL2
AREF
Q1
HC49-4H
16 Mhz
C6
22
C8
22
C9
0.01
PB0
PB1
PB2
PB3
PB4
PB5
PC0
PC1
PC2
PC3
PC4
PC5
PD0
PD1
PD2
PD3
PD4
PD5
PD6
PD7
VCC
AVCC
GND
AGND
AVR-ISP-10
XP1
MOSI
MISO
SCK
RESET
RST
NC
PWM1
PWM2
R15
R16
100
XP2
XP3
WF-2R
(NS25-W2K)
HG1
WH1602A
E
R/W
RS
VDD
VO
VSS
A/VEE
K
DB0
DB1
DB2
DB3
DB4
DB5
DB6
DB7
A1
K1
A2
K2
Backlight
R13
47
R14
4.7k
RV1
4.7k
Contrast