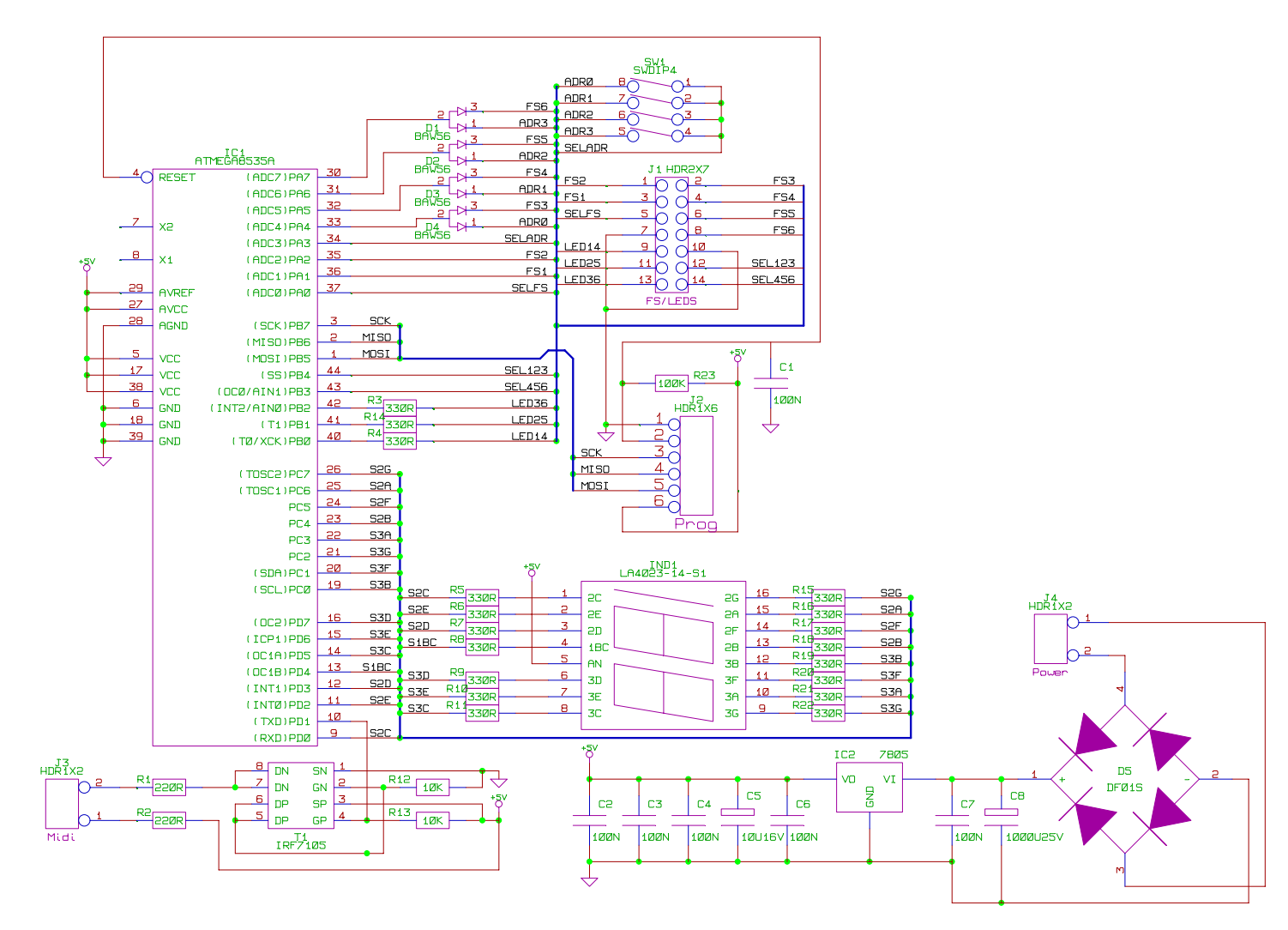
IC1
ATMEGA8535A
RESET
X2
X1
AVREF
AVCC
AGND
VCC
VCC
VCC
GND
GND
GND
(ADC7)PA7
(ADC6)PA6
(ADC5)PA5
(ADC4)PA4
(ADC3)PA3
(ADC2)PA2
(ADC1)PA1
(ADC0)PA0
(SCK)PB7
(MISO)PB6
(MOSI)PB5
(SS)PB4
(OC0/AIN1)PB3
(INT2/AIN0)PB2
(T1)PB1
(T0/XCK)PB0
(TOSC2)PC7
(TOSC1)PC6
PC5
PC4
PC3
PC2
(SDA)PC1
(SCL)PC0
(OC2)PD7
(ICP1)PD6
(OC1A)PD5
(OC1B)PD4
(INT1)PD3
(INT0)PD2
(TXD)PD1
(RXD)PD0
SW1
SWDIP4
ADR0
ADR1
ADR2
ADR3
SELADR
D1
BAV56
D2
BAV56
D3
BAV56
D4
BAV56
FS6
FS5
FS4
FS3
FS2
FS1
SELFS
SELADR
J1 HDR2X7
FS2
FS1
SELFS
LED14
LED25
LED36
FS3
FS4
FS5
FS6
SEL123
SEL456
FS/LEDS
+5V
R23
100K
C1
100N
J2
HDR1X6
SCK
MISO
MOSI
Prog
SCK
MISO
MOSI
R3
330R
R14
330R
R4
330R
LED36
LED25
LED14
SEL123
SEL456
S2G
S2A
S2F
S2B
S3A
S3G
S3F
S3B
S2C
S2E
S2D
S1BC
S3D
S3E
S3C
IND1
LA4023-14-S1
2C
2E
2D
1BC
AN
3D
3E
3C
2G
2A
2F
2B
3B
3F
3A
3G
R5
R6
R7
R8
R9
R10
R11
R15
R16
R17
R18
R19
R20
R21
R22
330R
J4
HDR1X2
Power
D5
DF01S
IC2
7805
VO
GND
VI
C2
C3
C4
C5
C6
C7
C8
100N
10U16V
1000U25V
J3
HDR1X2
Midi
R1
R2
220R
J1
IRF7105
DN
DN
DP
DP
SN
GN
SP
GP
R12
R13
10K