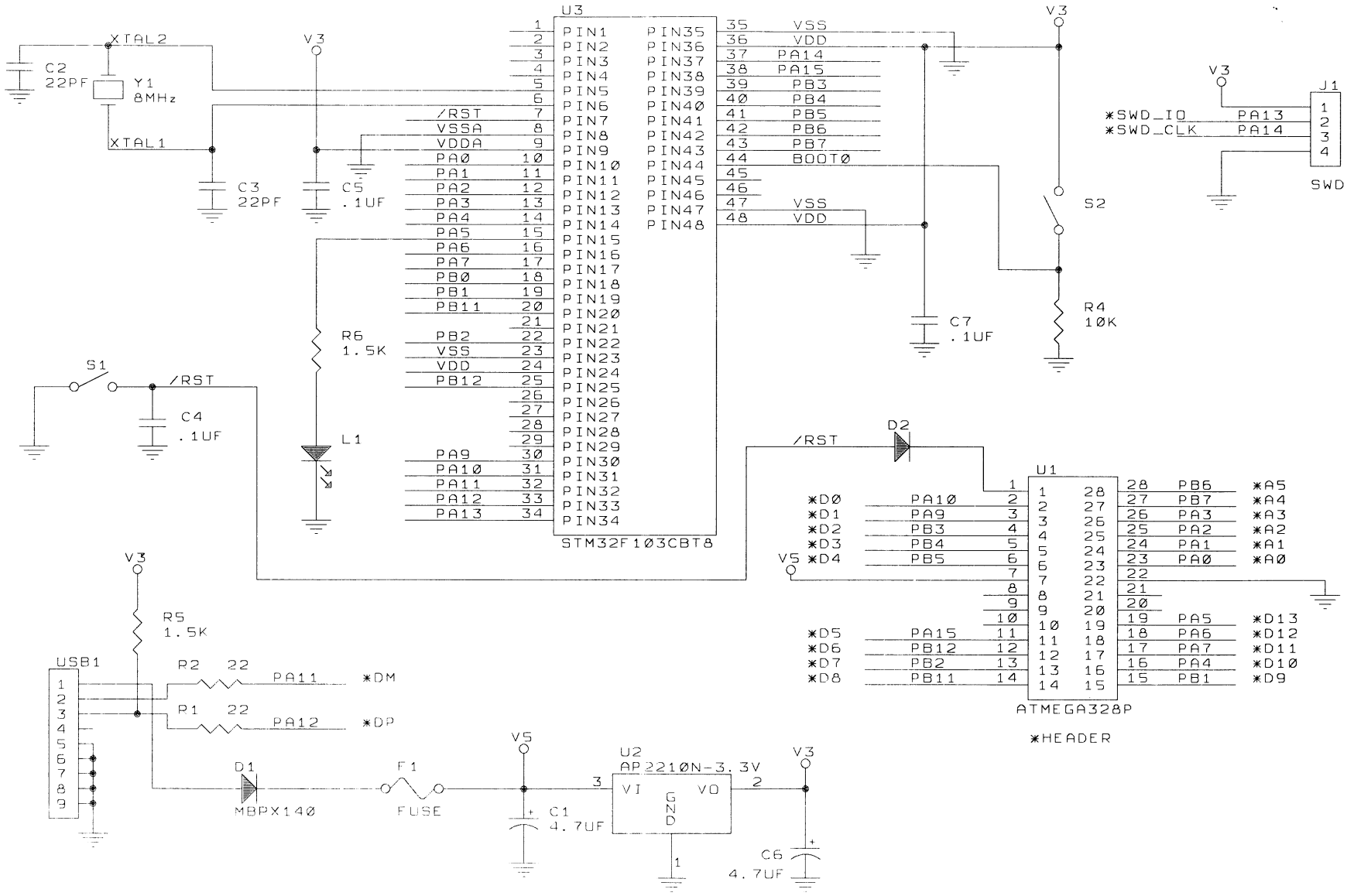
U3
STM32F103CBT8
XTAL2
XTAL1
C2
22PF
Y1
8MHz
C3
22PF
C5
.1UF
V3
/RST
VSSA
VDDA
PA0
PA1
PA2
PA3
PA4
PA5
PA6
PA7
PB0
PB1
PB11
PB2
VSS
VDD
PB12
PA9
PA10
PA11
PA12
PA13
VSS
VDD
PA14
PA15
PB3
PB4
PB5
PB6
PB7
BOOT0
VSS
VDD
C7
.1UF
S2
R4
10K
R6
1.5K
L1
S1
C4
.1UF
J1
*SWD_IO
*SWD_CLK
SWD
D2
U1
ATMEGA328P
*D0
*D1
*D2
*D3
*D4
*D5
*D6
*D7
*D8
*A5
*A4
*A3
*A2
*A1
*A0
*D13
*D12
*D11
*D10
*D9
*HEADER
R5
1.5K
USB1
R2 22
R1 22
*DM
*DP
D1
MBPX140
F1
FUSE
U2
AP2210N-3.3V
VI
VO
GND
C1
4.7UF
C6
4.7UF
V5