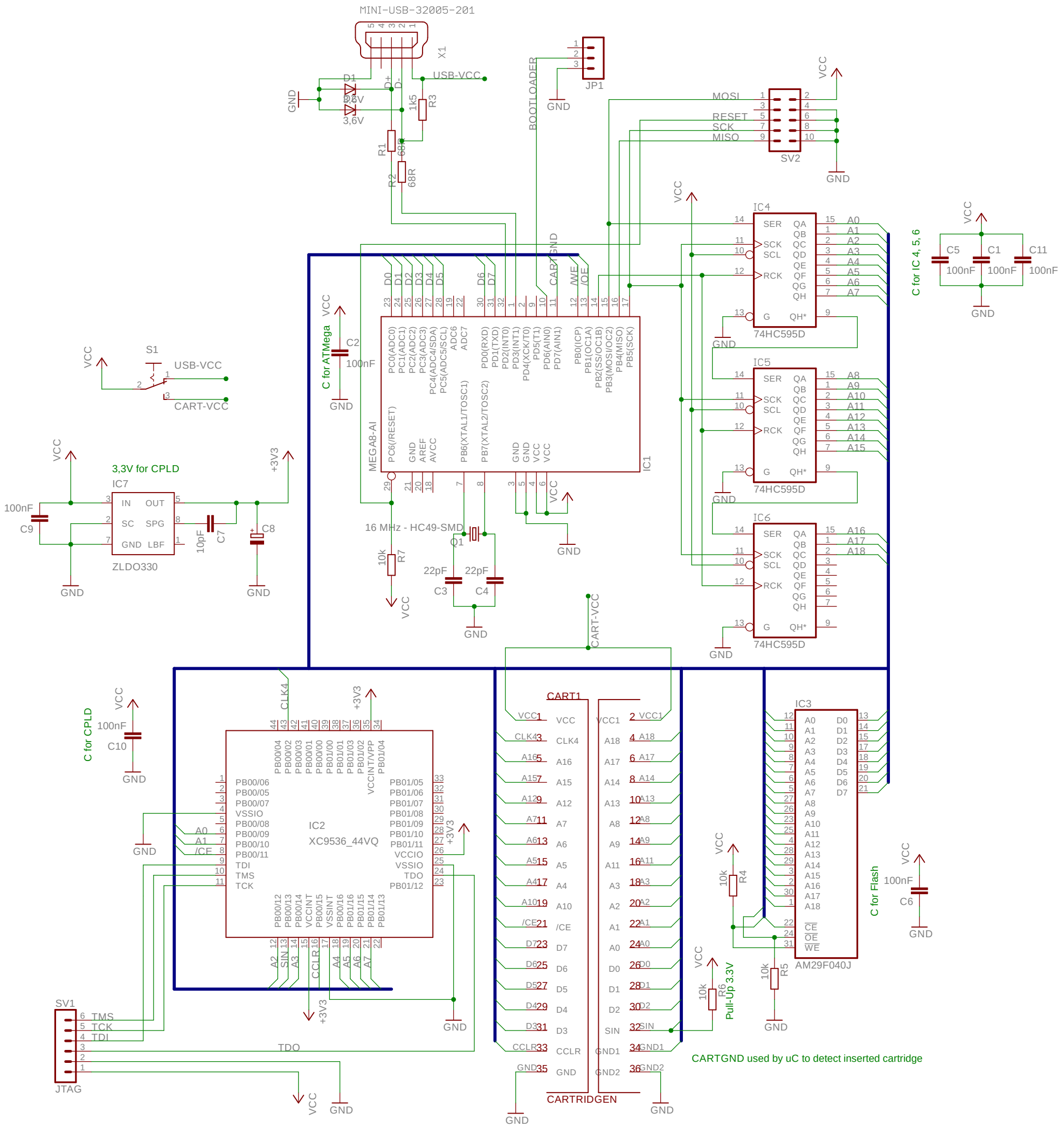
MINI-USB-32005-201
X1
USB-VCC
D1
3,6V
R1
68R
R2
68R
R3
1k5
BOOTLOADER
JP1
GND
MOSI
RESET
SCK
MISO
SV2
VCC
IC4
74HC595D
IC5
IC6
C5
C1
C11
100nF
C for IC 4, 5, 6
C for ATMega
C2
MEGA8-AI
IC1
S1
USB-VCC
CART-VCC
3,3V for CPLD
IC7
ZLDO330
C9
C7
C8
+3V3
16 MHz - HC49-SMD
Q1
R7
10k
22pF
C3
C4
C for CPLD
C10
IC2
XC9536_44VQ
SV1
JTAG
TMS
TCK
TDI
TDO
CLK4
CART1
CARTRIDGEN
IC3
AM29F040J
C for Flash
C6
R4
R5
R6
Pull-Up 3.3V
CARTGND used by uC to detect inserted cartridge