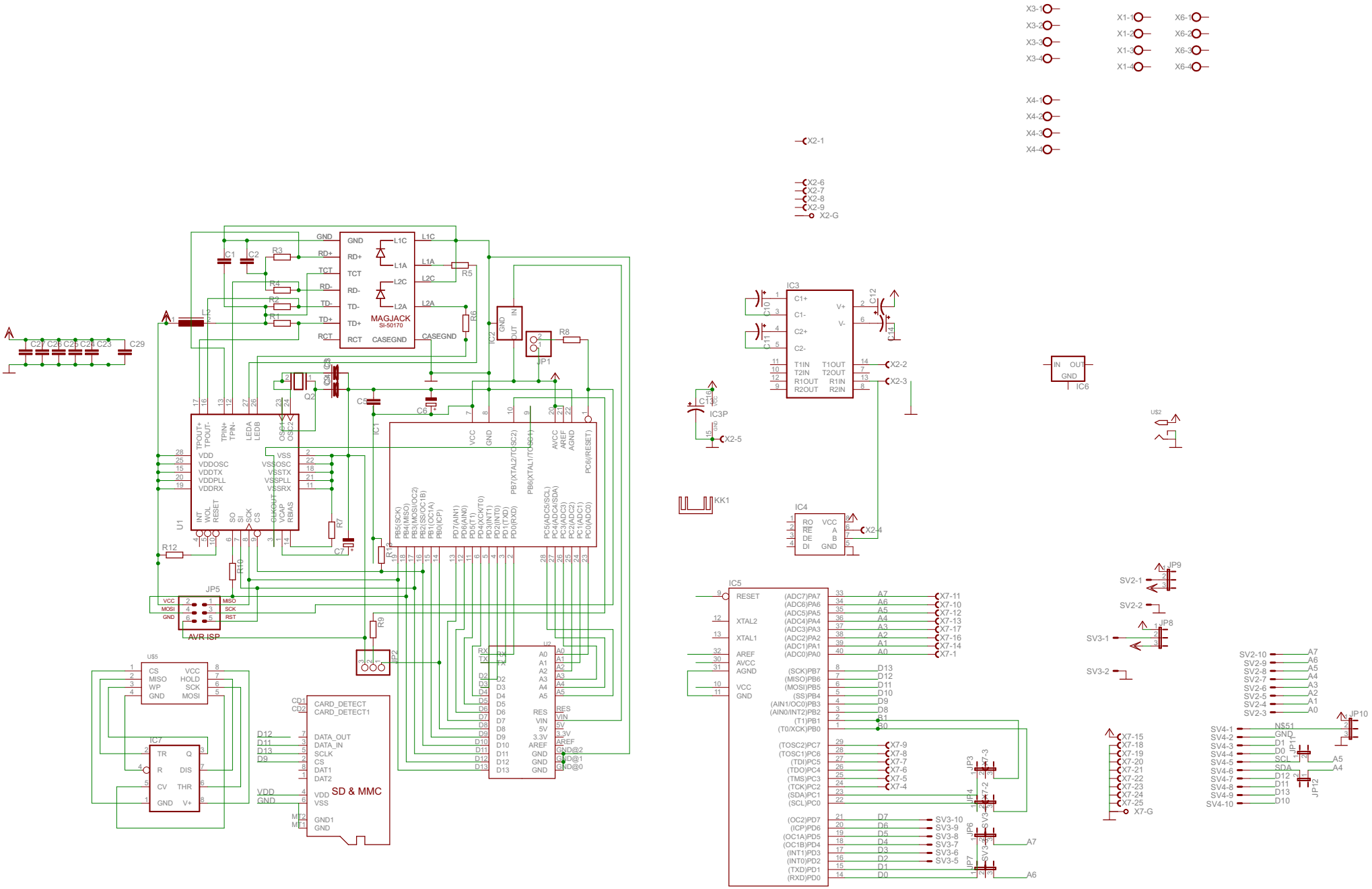
MAGJACK
SI-50170
SD & MMC
AVR ISP
IC3
IC4
IC5
IC6
IC7
U1
U2
U5
JP1
JP2
JP3
JP4
JP5
JP6
JP7
JP8
JP9
JP10
JP11
JP12
KK1
X1-1
X1-2
X1-3
X1-4
X2-1
X2-2
X2-3
X2-4
X2-5
X2-6
X2-7
X2-8
X2-9
X2-G
X3-1
X3-2
X3-3
X3-4
X4-1
X4-2
X4-3
X4-4
X6-1
X6-2
X6-3
X6-4
X7-1
X7-2
X7-3
X7-4
X7-5
X7-6
X7-7
X7-8
X7-9
X7-10
X7-11
X7-12
X7-13
X7-14
X7-15
X7-16
X7-17
X7-18
X7-19
X7-20
X7-21
X7-22
X7-23
X7-24
X7-25
X7-G
SV2-1
SV2-2
SV3-1
SV3-2
SV2-10
SV2-9
SV2-8
SV2-7
SV2-6
SV2-5
SV2-4
SV2-3
SV4-1
SV4-2
SV4-3
SV4-4
SV4-5
SV4-6
SV4-7
SV4-8
SV4-9
SV4-10
NC51
GND
D1
D0
SCL
SDA
D12
D11
D13
D10
A7
A6
A5
A4
A3
A2
A1
A0
D13
D12
D11
D10
D9
D8
B1
B0
D7
D6
D5
D4
D3
D2
D1
D0
SV3-10
SV3-9
SV3-8
SV3-7
SV3-6
SV3-5
CARD_DETECT
CARD_DETECT1
DATA_OUT
DATA_IN
SCLK
CS
DAT1
DAT2
VDD
VSS
GND1
GND
D12
D11
D13
D9
VDD
GND
CD1
CD2
MT2
MT1
RESET
XTAL2
XTAL1
AREF
AVCC
AGND
VCC
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
(AIN1/OC0)PB3
(AIN0/INT2)PB2
(T1)PB1
(T0/XCK)PB0
(TOSC2)PC7
(TOSC1)PC6
(TDI)PC5
(TDO)PC4
(TMS)PC3
(TCK)PC2
(SDA)PC1
(SCL)PC0
(OC2)PD7
(ICP)PD6
(OC1A)PD5
(OC1B)PD4
(INT1)PD3
(INT0)PD2
(TXD)PD1
(RXD)PD0
C27
C26
C25
C24
C23
C29
C1
C2
R3
R4
R2
R1
L1
L2
R5
R6
R8
R7
R12
R10
R9
C7
C8
C9
C6
C5
Q2
IC1
IC2
C10
C11
C12
C14
C16
IC3P
U$2
TPOUT+
TPOUT-
TPIN+
TPIN-
LEDA
LEDB
OSC1
OSC2
VDD
VDDOSC
VDDTX
VDDPLL
VDDRX
VSS
VSSOSC
VSSTX
VSSPLL
VSSRX
INT
WOL
RESET
SO
SI
SCK
CS
CLKOUT
VCAP
RBIAS
VCC
GND
PB7(XTAL2/TOSC2)
PB6(XTAL1/TOSC1)
AVCC
AREF
AGND
PC6(/RESET)
PB5(SCK)
PB4(MISO)
PB3(MOSI/OC2)
PB2(SS/OC1B)
PB1(OC1A)
PB0(ICP)
PD7(AIN1)
PD6(AIN0)
PD5(T1)
PD4(XCK/T0)
PD3(INT1)
PD2(INT0)
PD1(TXD)
PD0(RXD)
PC5(ADC5/SCL)
PC4(ADC4/SDA)
PC3(ADC3)
PC2(ADC2)
PC1(ADC1)
PC0(ADC0)
RX
TX
A0
A1
A2
A3
A4
A5
RES
VIN
5V
3.3V
AREF
GND@2
GND@1
GND@0
VCC
MOSI
GND
MISO
SCK
RST
CS
MISO
WP
GND
VCC
HOLD
SCK
MOSI
TR
Q
R
DIS
CV
THR
GND
V+
RO
RE
DE
DI
VCC
A
B
GND
C1+
C1-
C2+
C2-
V+
V-
T1IN
T2IN
R1OUT
R2OUT
T1OUT
T2OUT
R1IN
R2IN
IN
OUT
GND