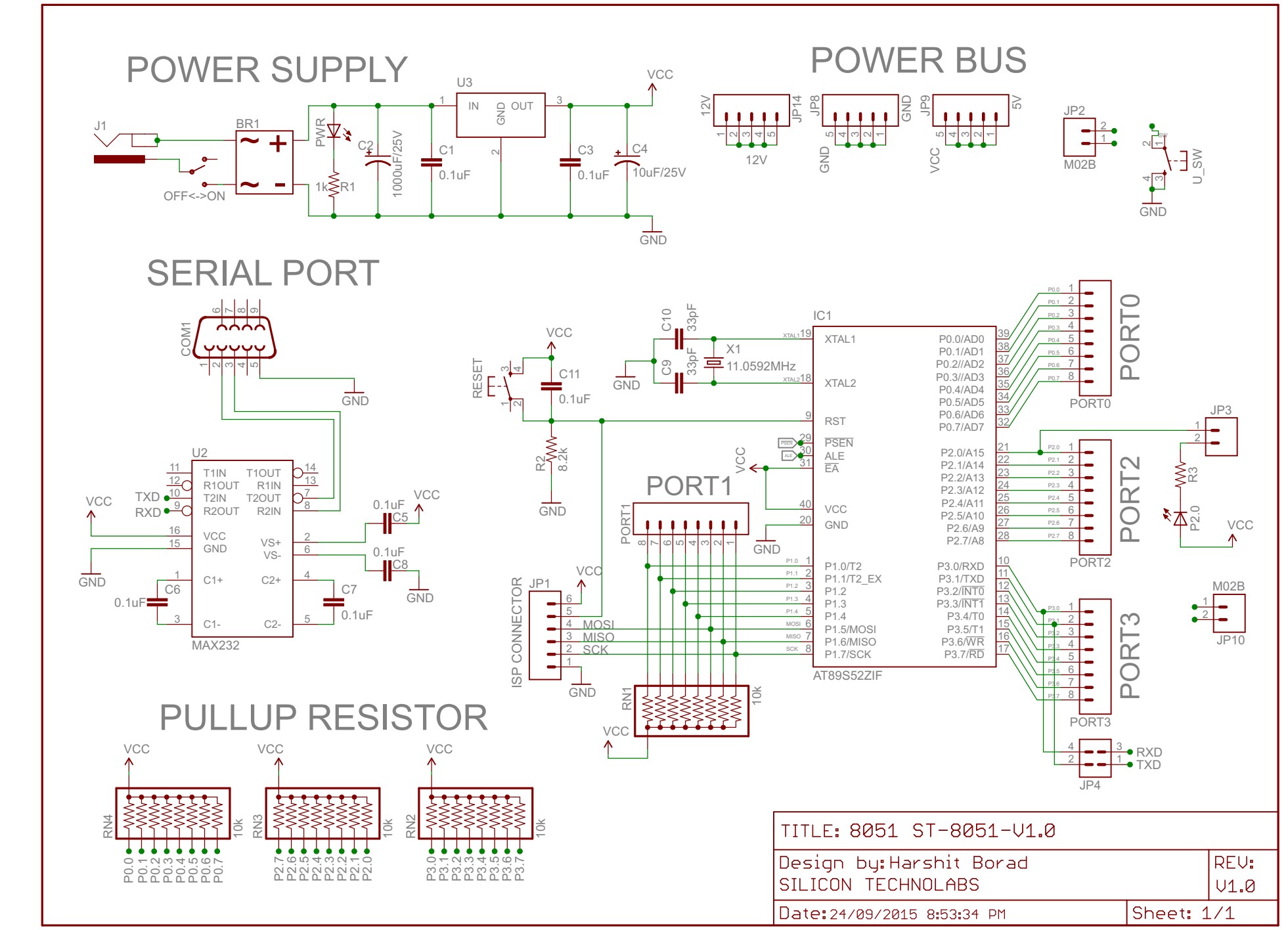
POWER SUPPLY
J1
BR1
OFF<->ON
PWR
1k
R1
C2
1000uF/25V
C1
0.1uF
U3
IN
GND
OUT
C3
0.1uF
C4
10uF/25V
VCC
GND
POWER BUS
12V
JP14
JP8
JP9
5V
JP2
M02B
U_SW
SERIAL PORT
COM1
U2
T1IN
R1OUT
T2IN
R2OUT
T1OUT
R1IN
T2OUT
R2IN
VCC
GND
VS+
VS-
C1+
C2+
C1-
C2-
C5
C6
C7
C8
0.1uF
TXD
RXD
MAX232
PULLUP RESISTOR
RN4
RN3
RN2
10k
P0.0
P0.1
P0.2
P0.3
P0.4
P0.5
P0.6
P0.7
P2.7
P2.6
P2.5
P2.4
P2.3
P2.2
P2.1
P2.0
P3.0
P3.1
P3.2
P3.3
P3.4
P3.5
P3.6
P3.7
RESET
C11
R2
8.2k
C10
C9
33pF
X1
11.0592MHz
XTAL1
XTAL2
RST
PSEN
ALE
EA
IC1
P0.0/AD0
P0.1/AD1
P0.2//AD2
P0.3//AD3
P0.4/AD4
P0.5/AD5
P0.6/AD6
P0.7/AD7
P2.0/A15
P2.1/A14
P2.2/A13
P2.3/A12
P2.4/A11
P2.5/A10
P2.6/A9
P2.7/A8
P1.0/T2
P1.1/T2_EX
P1.2
P1.3
P1.4
P1.5/MOSI
P1.6/MISO
P1.7/SCK
P3.0/RXD
P3.1/TXD
P3.2/INT0
P3.3/INT1
P3.4/T0
P3.5/T1
P3.6/WR
P3.7/RD
AT89S52ZIF
PORT0
PORT1
PORT2
PORT3
JP1
ISP CONNECTOR
MOSI
MISO
SCK
JP3
R3
JP10
JP4
RXD
TXD
TITLE: 8051 ST-8051-V1.0
Design by:Harshit Borad
SILICON TECHNOLABS
REV: V1.0
Date:24/09/2015 8:53:34 PM
Sheet: 1/1