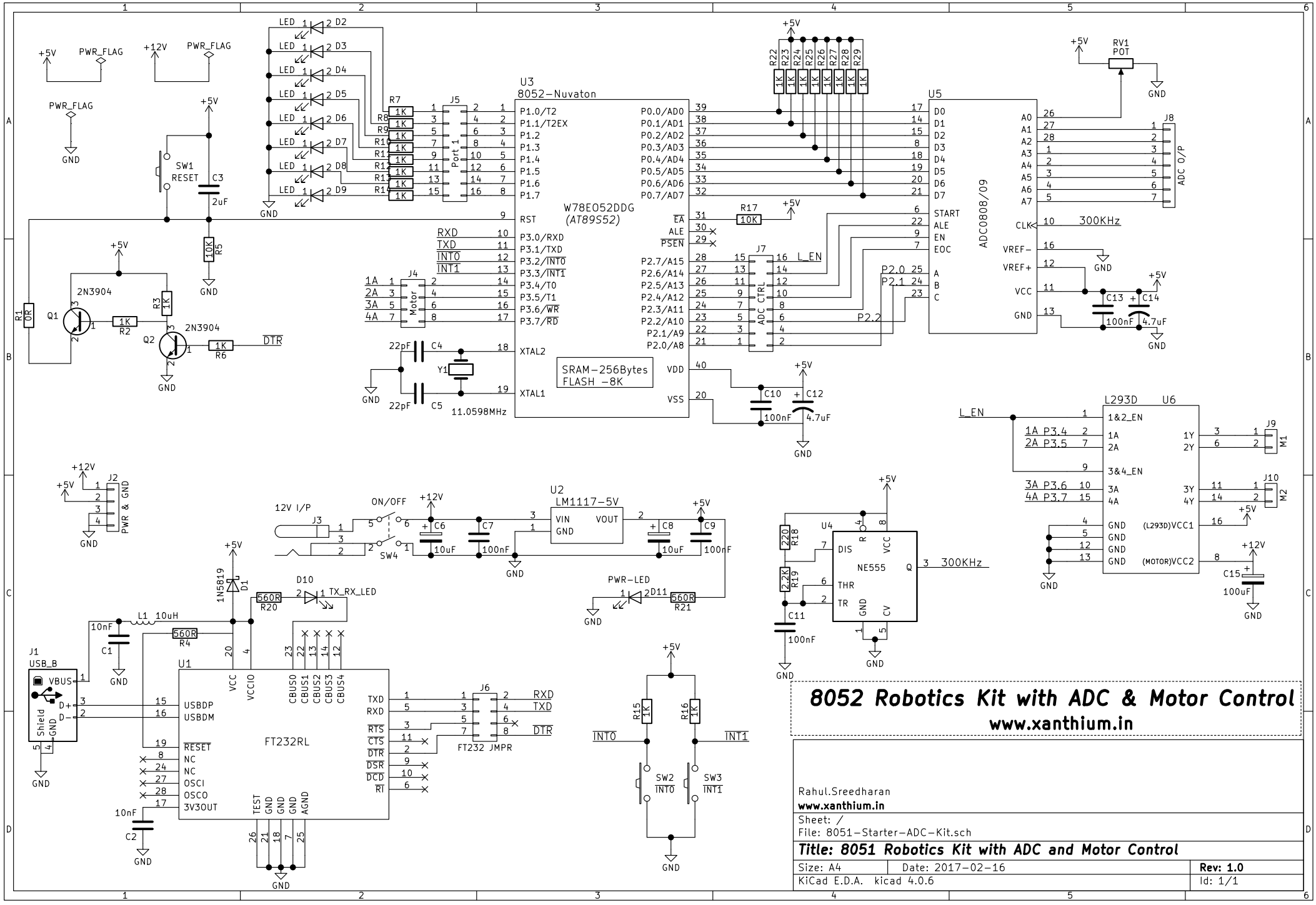
8052 Robotics Kit with ADC & Motor Control
www.xanthium.in
Rahul.Sreedharan
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Sheet: /
File: 8051-Starter-ADC-Kit.sch
Title: 8051 Robotics Kit with ADC and Motor Control
Size: A4
Date: 2017-02-16
Rev: 1.0
KiCad E.D.A. kicad 4.0.6
Id: 1/1
U3
8052-Nuvaton
W78E052DDG
(AT89S52)
SRAM-256Bytes
FLASH -8K
U5
ADC0808/09
U2
LM1117-5V
U1
FT232RL
U4
NE555
U6
L293D
J1
USB_B
J2
PWR & GND
J3
12V I/P
J4
Motor
J5
Port 1
J6
FT232 JMPR
J7
ADC CTRL
J8
ADC O/P
J9
M1
J10
M2
SW1
RESET
SW2
INT0
SW3
INT1
SW4
ON/OFF
Q1
2N3904
Q2
2N3904
Y1
11.0598MHz
RV1
POT
300KHz
L_EN
DTR
TX_RX_LED
PWR-LED
PWR_FLAG
GND