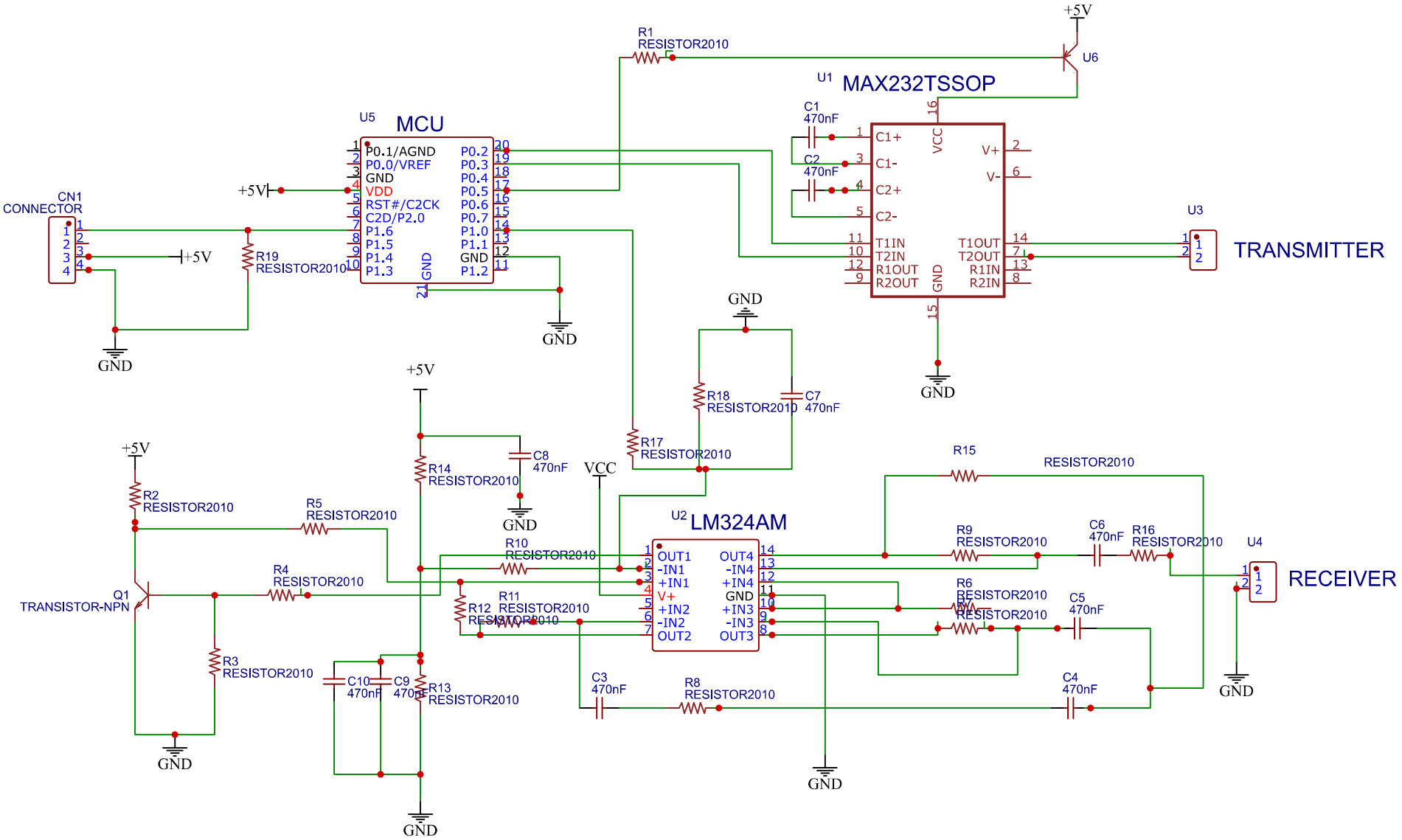
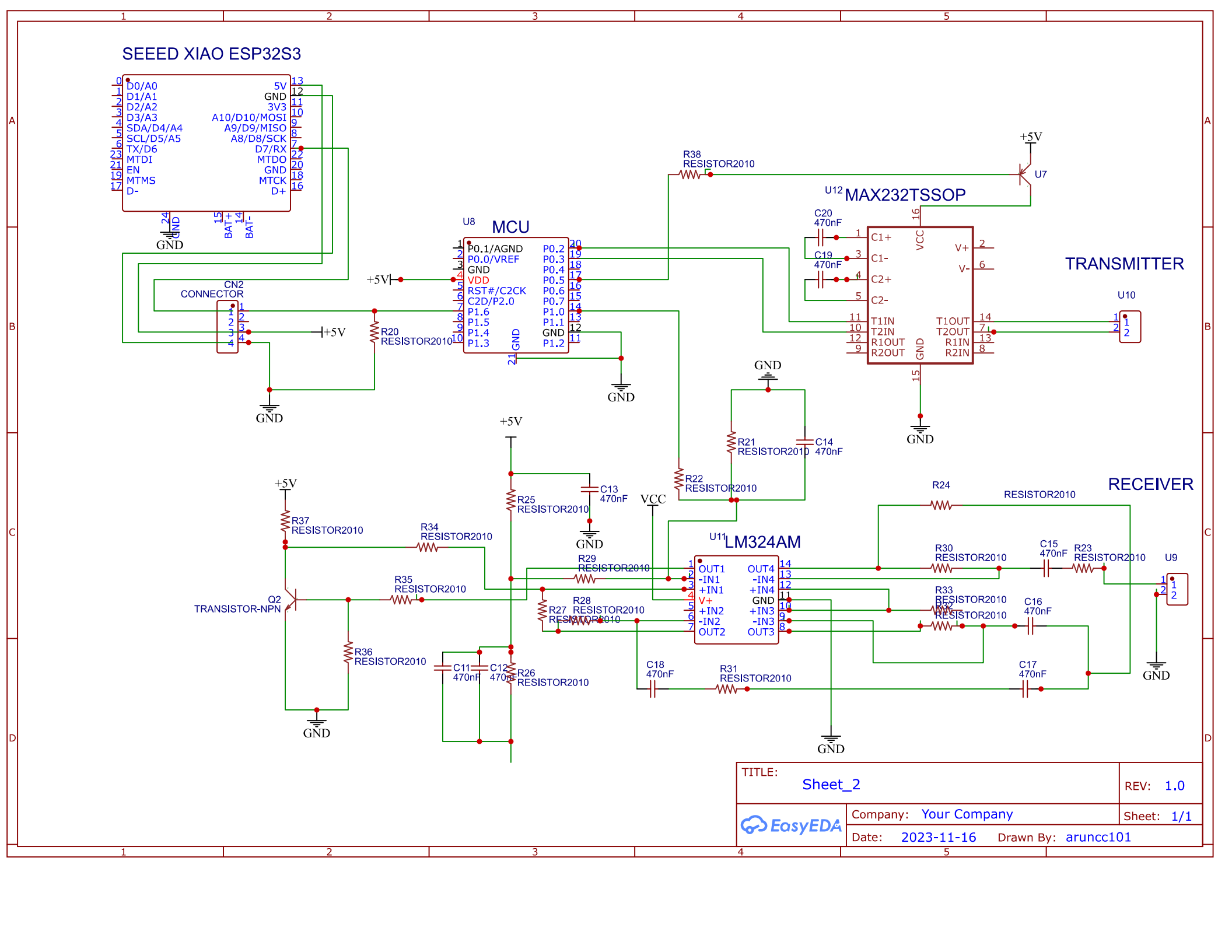


TITLE: Sheet_1		REV: 1.0
EasyEDA	Company: Your Company	Sheet: 1/1
	Date: 2023-11-13 Drawn By: aruncc101	


SEEED XIAO ESP32S3
D0/A0
D1/A1
D2/A2
D3/A3
SDA/D4/A4
SCL/D5/A5
TX/D6
MTDI
EN
MTMS
D-
5V
GND
3V3
A10/D10/MOSI
A9/D9/MISO
A8/D8/SCK
D7/RX
MTDO
GND
MTCK
D+
BAT+
BAT-
GND
U8
MCU
P0.1/AGND
P0.0/VREF
GND
VDD
RST#/C2CK
C2D/P2.0
P1.6
P1.5
P1.4
P1.3
P0.2
P0.3
P0.4
P0.5
P0.6
P0.7
P1.0
P1.1
GND
P1.2
CN2
CONNECTOR
+5V
R20
RESISTOR2010
R38
RESISTOR2010
U12
MAX232TSSOP
C20
470nF
C19
470nF
C1+
C1-
C2+
C2-
VCC
V+
V-
T1IN
T2IN
R1OUT
R2OUT
GND
T1OUT
T2OUT
R1IN
R2IN
U7
TRANSMITTER
U10
R21
RESISTOR2010
C14
470nF
R22
RESISTOR2010
VCC
U11
LM324AM
OUT1
-IN1
+IN1
V+
+IN2
-IN2
OUT2
OUT4
-IN4
+IN4
GND
+IN3
-IN3
OUT3
R24
RESISTOR2010
RECEIVER
R30
RESISTOR2010
C15
470nF
R23
RESISTOR2010
U9
R33
RESISTOR2010
C16
470nF
C17
470nF
R31
RESISTOR2010
C18
470nF
R25
RESISTOR2010
C13
470nF
R37
RESISTOR2010
R34
RESISTOR2010
R29
RESISTOR2010
R35
RESISTOR2010
Q2
TRANSISTOR-NPN
R28
RESISTOR2010
R27
RESISTOR2010
R36
RESISTOR2010
C11
470nF
C12
470nF
R26
RESISTOR2010
TITLE:
Sheet_2
REV: 1.0
Company: Your Company
Sheet: 1/1
Date: 2023-11-16
Drawn By: aruncc101
EasyEDA

TITLE: Sheet_3	REV: 1.0
EasyEDA	Company: Your Company / Sheet: 1/1
	Date: 2023-11-16 Drawn By: aruncc101