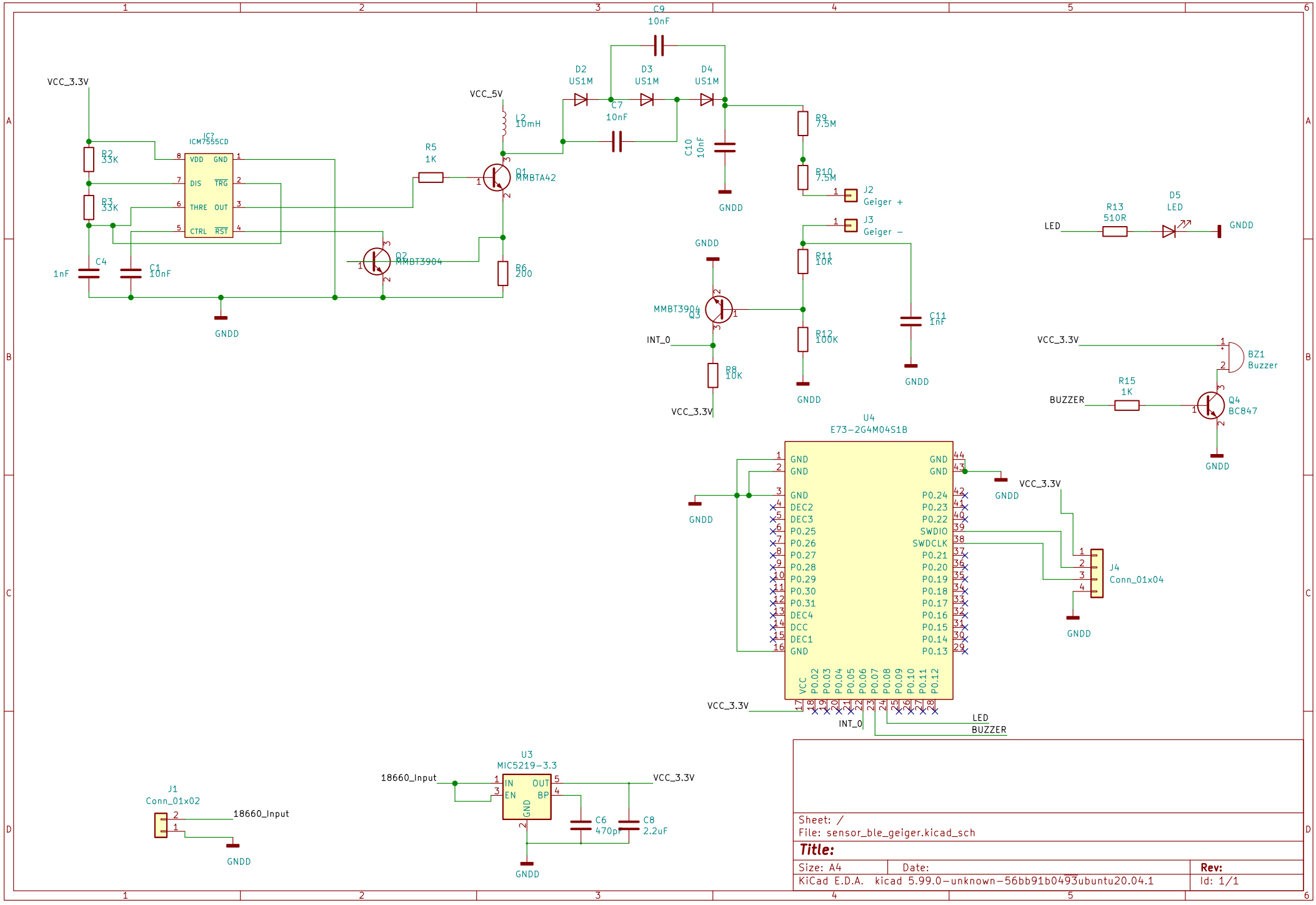
VCC_3.3V
IC2
ICM7555CD
VDD GND
DIS TRG
THRE OUT
CTRL RST
R2 33K
R3 33K
C4 1nF
C1 10nF
GNDD
R5 1K
Q2 MMBT3904
R6 200
VCC_5V
L2 10mH
Q1 MMBTA42
D2 US1M
D3 US1M
D4 US1M
C9 10nF
C7 10nF
C10 10nF
R9 7.5M
R10 7.5M
J2 Geiger +
J3 Geiger −
R11 10K
R12 100K
C11 1nF
MMBT3904 Q3
INT_0
R8 10K
LED
R13 510R
D5 LED
VCC_3.3V
BZ1 Buzzer
BUZZER
R15 1K
Q4 BC847
U4
E73-2G4M04S1B
GND
DEC2
DEC3
P0.25
P0.26
P0.27
P0.28
P0.29
P0.30
P0.31
DEC4
DCC
DEC1
P0.24
P0.23
P0.22
SWDIO
SWDCLK
P0.21
P0.20
P0.19
P0.18
P0.17
P0.16
P0.15
P0.14
P0.13
VCC
P0.02
P0.03
P0.04
P0.05
P0.06
P0.07
P0.08
P0.09
P0.10
P0.11
P0.12
J4 Conn_01x04
J1 Conn_01x02
18660_Input
U3
MIC5219-3.3
IN OUT
EN BP
GND
C6 470pF
C8 2.2uF
Sheet: /
File: sensor_ble_geiger.kicad_sch
Title:
Size: A4
Date:
Rev:
KiCad E.D.A. kicad 5.99.0-unknown-56bb91b0493ubuntu20.04.1
Id: 1/1