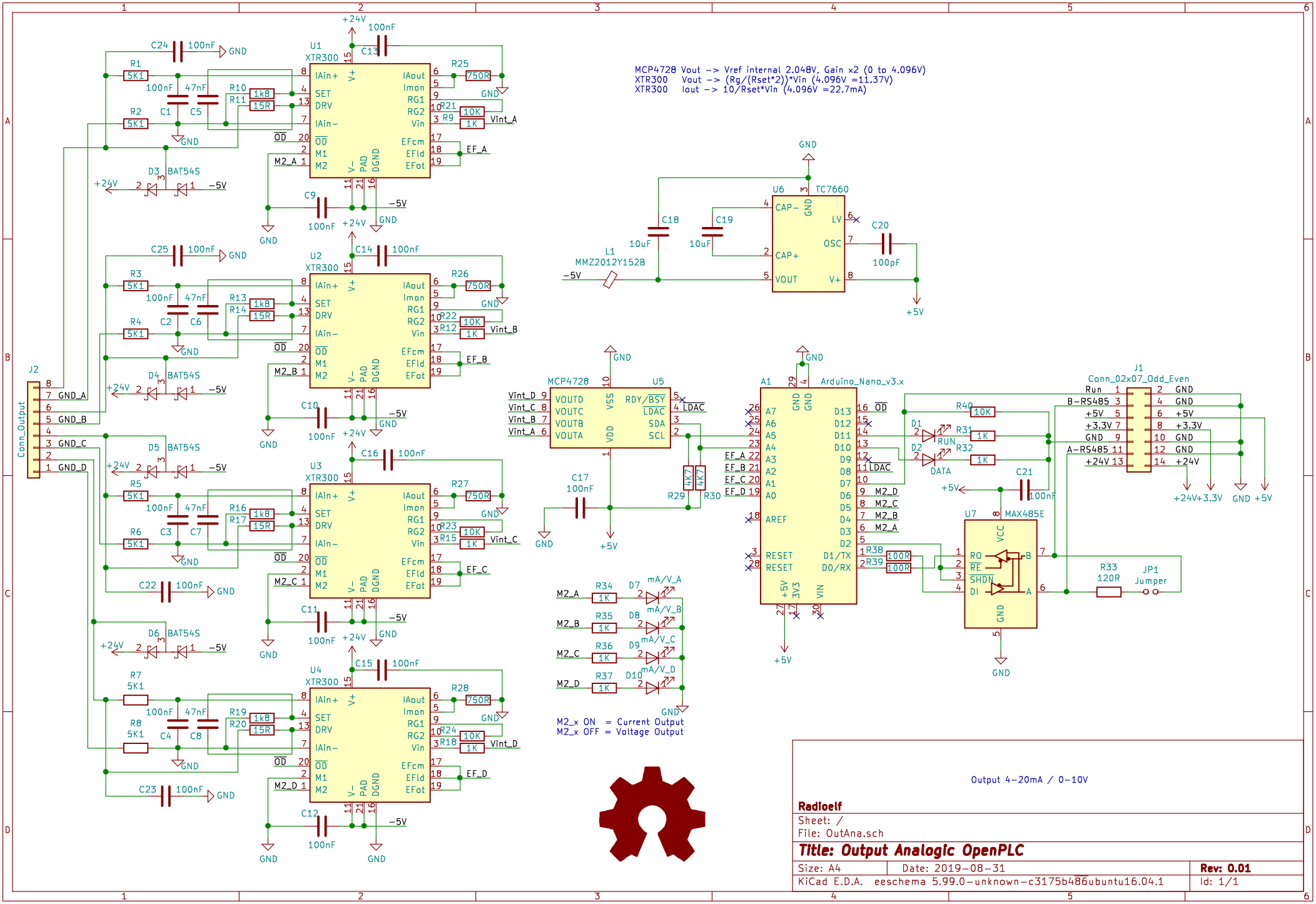
MCP4728 Vout -> Vref internal 2.048V, Gain x2 (0 to 4.096V)
XTR300 Vout -> (Rg/(Rset*2))*Vin (4.096V =11.37V)
XTR300 Iout -> 10/Rset*Vin (4.096V =22.7mA)
U1 XTR300
U2 XTR300
U3 XTR300
U4 XTR300
U6 TC7660
L1 MMZ2012Y152B
J2 Conn_Output
GND_A
GND_B
GND_C
GND_D
MCP4728
U5
A1 Arduino_Nano_v3.x
J1 Conn_02x07_Odd_Even
Run
B-RS485
+5V
+3.3V
GND
A-RS485
+24V
U7 MAX485E
JP1 Jumper
M2_x ON = Current Output
M2_x OFF = Voltage Output
Output 4-20mA / 0-10V
Radioelf
Sheet: /
File: OutAna.sch
Title: Output Analogic OpenPLC
Size: A4
Date: 2019-08-31
Rev: 0.01
KiCad E.D.A. eeschema 5.99.0-unknown-c3175b486ubuntu16.04.1
Id: 1/1