C2 100nF
VCC
SIG_OUT
GND
C3 100nF
R12 1M
GND

U1
LMV324MT
V+ 4
OUTA 1
OUTB 7
OUTC 8
OUTD 14
V- 11
+INA 3
+INB 5
+INC 10
+IND 12
-INA 2
-INB 6
-INC 9
-IND 13

R9 100K
R8 100K
R10 200K
GND
R11 200K

R7 0R
R6 TC33X-2-204E
R5 DNP
GND

R4 200K
R3 200K
R2 4.7K
C1 100nF
R1
VCC
GND

J3 SJ-3524-SMT
R15 DNP
DNP
GND
GND

SV1
1 2 3 4
VCC
GND

J1 Qwiic1
SCL 4
SDA 3
VCC 2
GND 1

J2 Qwiic1
SCL 4
SDA 3
VCC 2
GND 1
VCC
GND

R17 4.7K
R16 4.7K
VCC

C4 100nF
VCC
GND

US3
TLA2022IRUGT
SCL 10
SDA 9
VDD 8
NC 7
NC 6
ADDR 1
NC 2
GND 3
AIN0 4
AIN1 5

JMP1-0R
VCC
GND GND GND
SIG_OUT