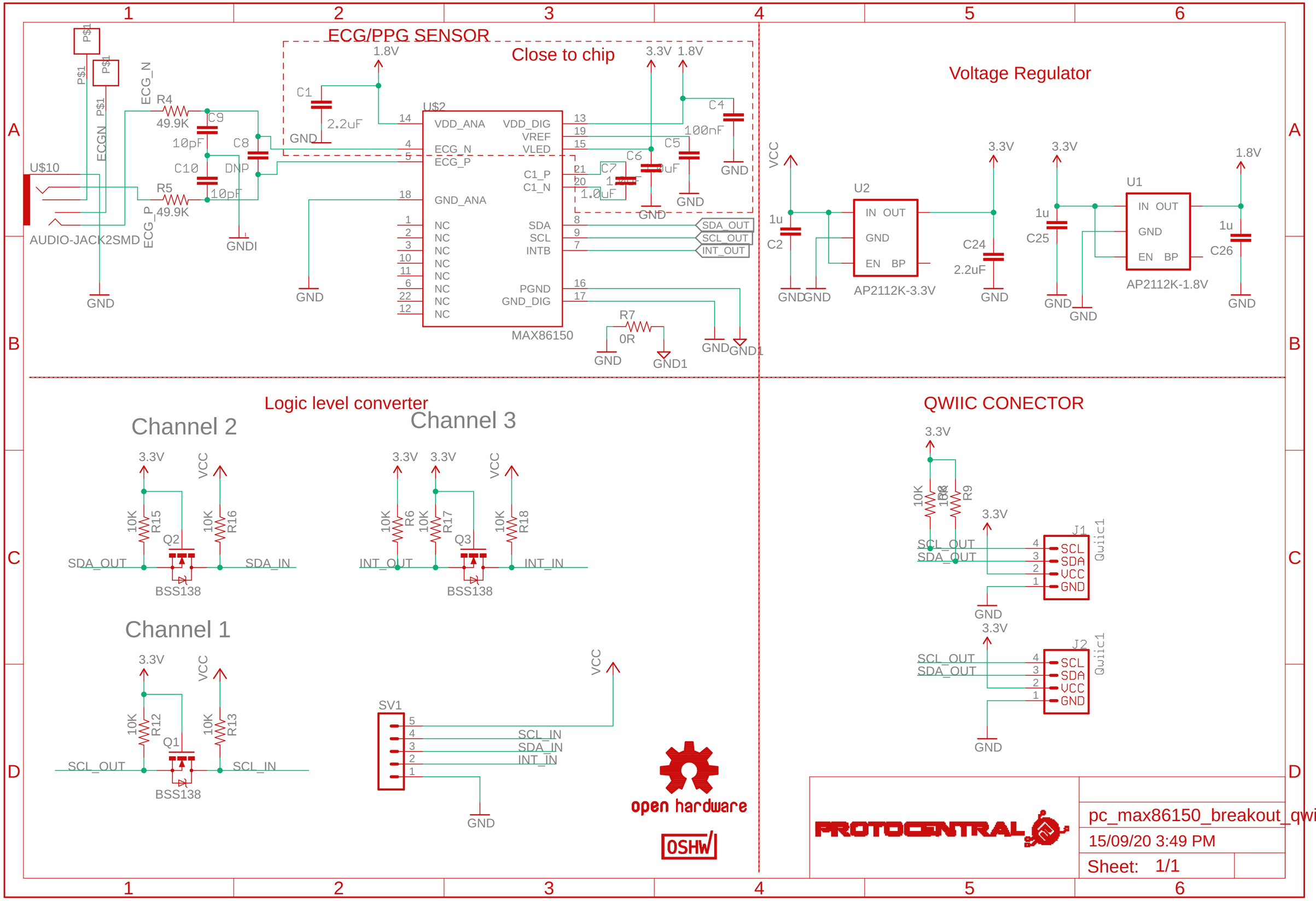
ECG/PPG SENSOR
Close to chip
Voltage Regulator
Logic level converter
Channel 2
Channel 3
Channel 1
QWIIC CONECTOR
U$2
MAX86150
VDD_ANA
VDD_DIG
VREF
VLED
ECG_N
ECG_P
C1_P
C1_N
GND_ANA
NC
SDA
SCL
INTB
PGND
GND_DIG
SDA_OUT
SCL_OUT
INT_OUT
U$10
AUDIO-JACK2SMD
R4 49.9K
R5 49.9K
C9 10pF
C10 10pF
C8 DNP
C1 2.2uF
C4 100nF
C5 1uF
C6 1uF
C7 1.0uF
R7 0R
U2
AP2112K-3.3V
U1
AP2112K-1.8V
C2 1u
C24 2.2uF
C25 1u
C26 1u
VCC
3.3V
1.8V
GND
GND1
GNDI
Q2
Q3
Q1
BSS138
R15 10K
R16 10K
R6 10K
R17 10K
R18 10K
R12 10K
R13 10K
SDA_IN
INT_IN
SCL_IN
SV1
J1
J2
Qwiic1
SCL
SDA
R8 10K
R9 10K
open hardware
OSHW
PROTOCENTRAL
pc_max86150_breakout_qwiic_v1_3
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