SCIENT ISST

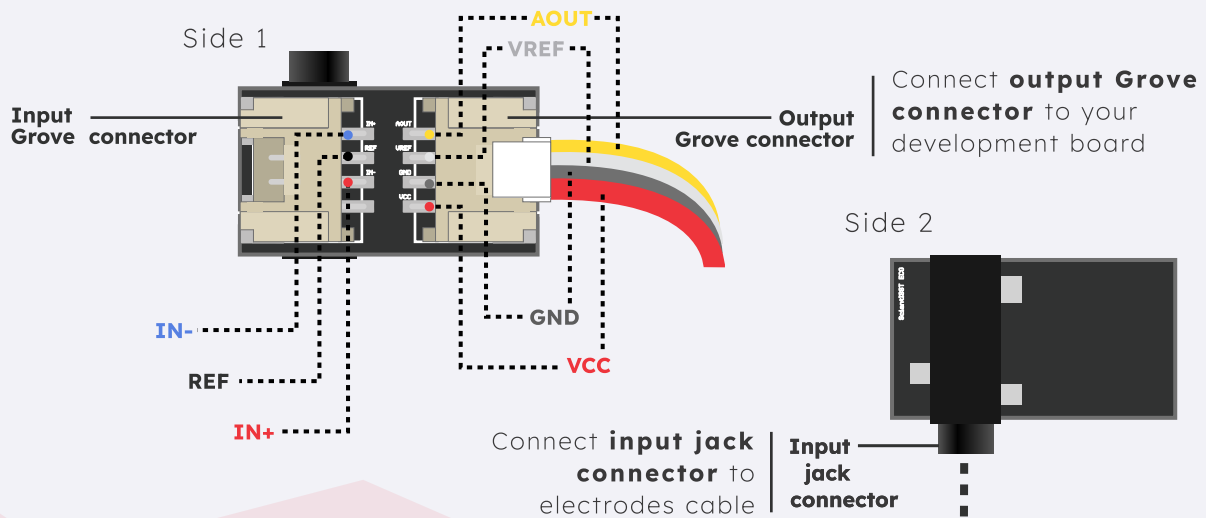# ECG SENSOR

Datasheet v1.0 (20221007)

VERSION

v.20210225

FEATURES

> ECG raw data output

> Arduino-compatible

> Grove and jack connectors to plug electrodes

SPECIFICATIONS

> Gain: 1100

> Range: ±1.5mV (with VCC = 3.3V)

> Bandwidth: 0.5-40Hz

> Current consumption: ~4mA

> Input Impedance: 100GOhm

> CMRR: 110dB

PINOUT AND SETUP

Side 1

AOUT
VREF

Input Grove connector

Output Grove connector

Connect **output Grove connector** to your development board

IN-

REF

IN+

GND

VCC

Side 2

Connect **input jack connector** to electrodes cable

Input jack connector

Jack Cable

ELECTRODE CONNECTIONS

Black sleeve (IN-)

Blue sleeve (IN+)

Red sleeve (REF)

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