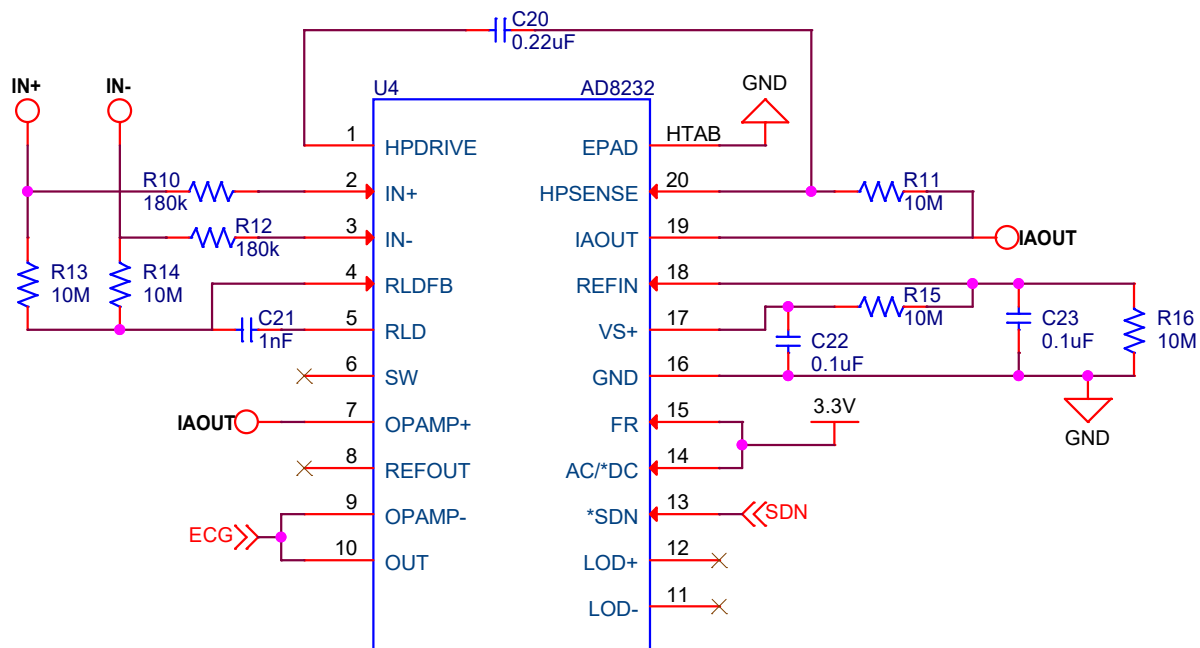


ECG SENSOR

20-lead, 4 mm × 4 mm LFCSP package
 "HEART RATE MEASUREMENT NEXT
 TO THE HEART" configuration
 Lower number of resistors are needed

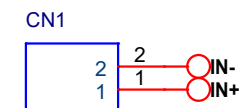
SDN pin driven by the microcontroller in
 order to save power
 Normal Current : 170 uA
 Shutdown Current : 40 nA



ELECTRODES

NEXT TO THE HEART configuration
 allows to acquire signals only by 2 electrodes,
 due to the small distance from the heart
 Lower presence of noise

Electrodes Connectors



2x MALE PIN HEADER 2.54mm

Plug in the cables soldered to
 the gold-plated electrodes

CAPOZZOLI - MARCHEI

Title

Sensor

Size

Document Number
 ECG Sensor

Rev
 1.4

Date: Tuesday, January 16, 2024

Sheet 4 of 4

CAPOZZOLI - MARCHEI