

e-Celsius Medical System



Temperature sensing
Storage

Storage
Data synchronization
Alert (technical & physiological)
Time
RF communication (433MHz & BLE)

Temperature data visualization
Data storage
Data synchronization
Temperature Alarm
RF communication (BLE)
Transfer to cloud

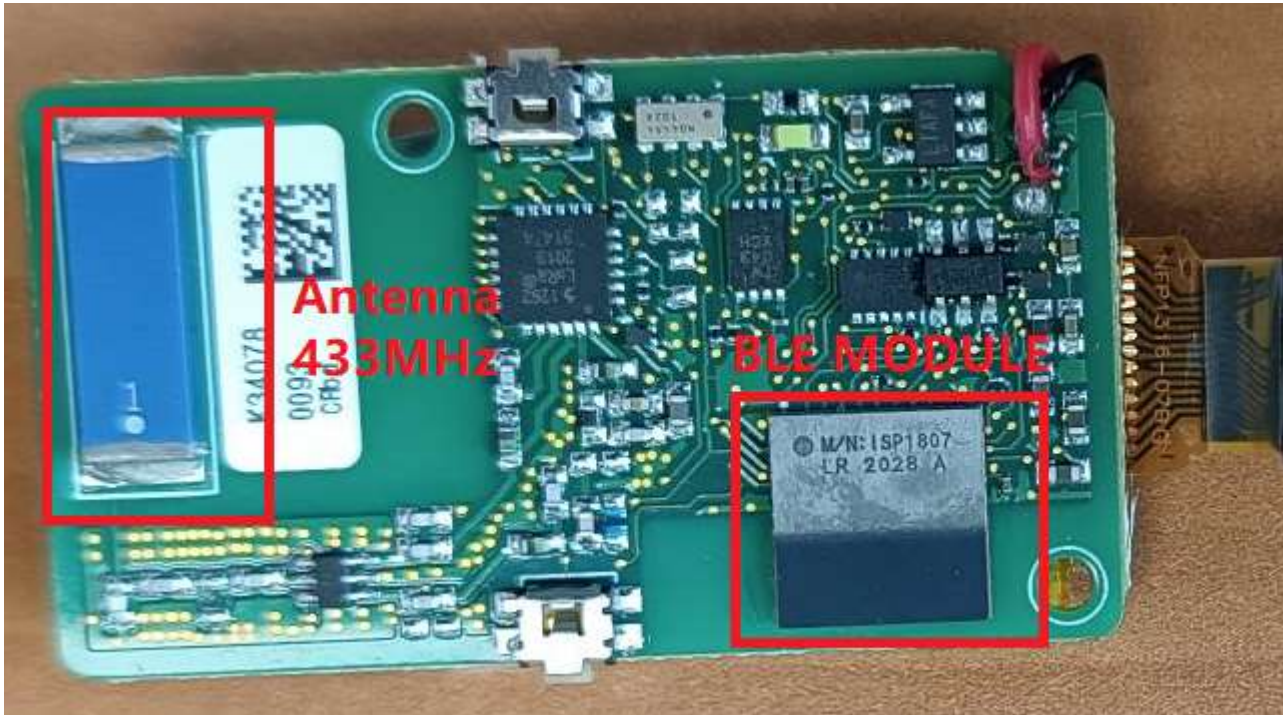
BodyCAP – eCelsius system

433MHz Antenna

Reference ANT1204LL20R0433A

Manufacture : Yageo

Size : 12.0x4.0x1.5 mm



ELECTRICAL SPECIFICATIONS

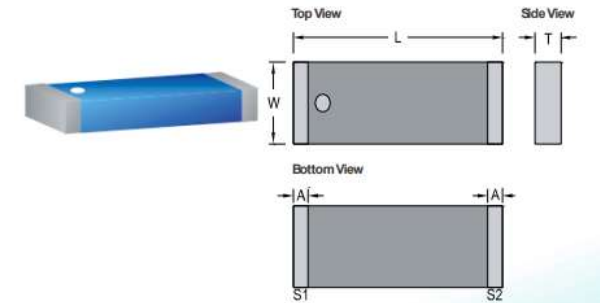
Working Frequency	433 MHz
Bandwidth	28 MHz(Typ.)
Return Loss	6.5 dB Min.
Polarization	Linear
Azimuth Beamwidth	Omni-directional
Peak Gain	0.83 dBi(Typ.)
Impedance	50 Ω
Operating Temperature	- 40~105 °C
Maximum Power	1 W
Termination	Ni / Sn (Environmentally-Friendly Leadless)
Resistance to Soldering Heats	260°C , 10sec.

NOTE

1. The specification is defined on Pulse evaluation board

MECHANICAL DRAWING

	Dimension
L (mm)	12.0 ±0.50
W (mm)	4.00 ±0.50
T (mm)	1.50 ±0.30
A (mm)	0.85 ±0.30



Terminal name	Function
S1	Feeding Point
S2	Soldering Point

YWH00128

Certified BLE module

Built-in Antenna

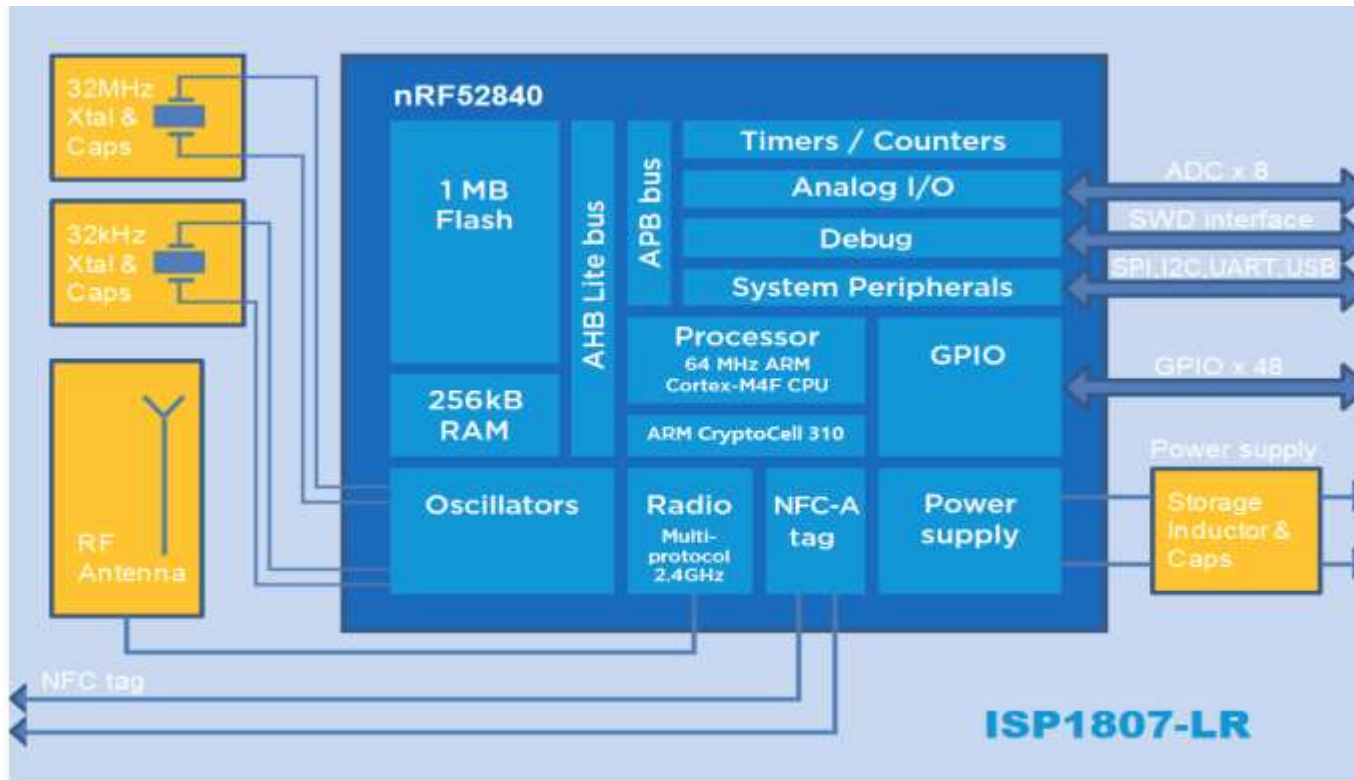
Reference : ISP1807

Manufacture : InsightSip



Certifications

- Bluetooth SIG certified
- CE certified
- FCC, IC certified
- TELEC, KCC certified
- RoHS and Reach compliant
- Conflict Mineral Declaration



FCC 2AAQS-ISP1807
IC : 11306A-ISP1807