

Wearable Smart Tracker for Personal Safety

BUSINESS REQUIREMENTS



Used for tracking children, elderly people, persons with disability etc



Fall detection, Heart rate monitor



GPS location tracking, Panic button, Geo fencing

OUR SOLUTIONS



Very Low power 16-bit MCU, GSM/GPRS connectivity



LCD display, accelerometer, GPS tracking, OHRM



Optimized, small footprint software ensures efficient utilization of resources

TOOLS /TECHNOLOGIES



OrCAD capture, Cadence Allegro



Rechargeable battery, Very low power device



Small form factor, Low cost design

BUSINESS IMPACT



Power consumption optimized based on target application, enhancing the battery life



Modular architecture allows to add/remove features based on requirement



Integrates all components required to realize a comprehensive stand-alone safety solution

SOLUTION OVERVIEW

