Your One-Stop Embedded Hardware & Software Partner

Data Sheet

AUPIXEL Solutions LLP has grown into a leading **manufacturer and service provider** of cutting-edge embedded solutions. We provide comprehensive hardware and software development under one roof, designing and developing a wide range of **microcontroller development boards** and customized products tailored to your needs.
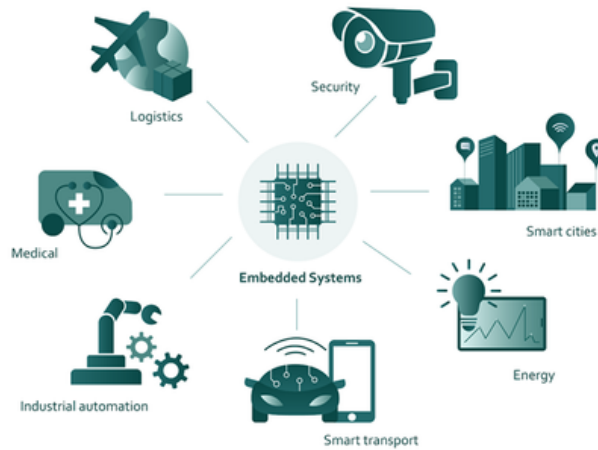
Our portfolio innovative products such as **Security Systems, Wearables, Visual Intelligence Systems, Building Automation, Digital Display Boards, Underwater LED Lights, Token Display Systems, Embedded Thermal Cameras, Vision Cameras, PCB Prototyping Services, and much more.** Each product is crafted under the guidance of our dedicated experts and undergoes **rigorous quality testing** to ensure superior performance, reliability, and longevity.

With a focus on **innovation, precision, and customer satisfaction,** our solutions are designed to seamlessly integrate into industrial, commercial, and consumer applications. At **SSG Embedded Solutions**, we don't just deliver products — we deliver **smart, efficient, and future-ready technology** that empowers you business

to excel.

Our Core Expertise:

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Wireless Technologies

IOT ,BLE,WIFI/GSM and standard Industrial Inputs, Zigbee, Bluetooth.

🌡️ Sensors

Proximity Sensors, Encoders, Pressure Sensors, Temperature Sensors, Light Sensors, Strain Gauge, Ultra sound Sensors and many more

🔌 Wired Communication Technologies

RS232,RS485,LAN,CAN,4-20mA, 0-10V,I2C, SPI, One Wire.

⚙️ Actuators

AC Motors, DC Motors, Servo Motors, Stepper Motors, Solenoid

💻 Microcontrollers & Platforms

ARM, PIC, AVR, 8051, MSP430,SoC specially in BLE, TI, NORDIC, NUVOTON

🧠 Firmware & Programming Skills

Embedded C, Python, Assembly, C++, MATLAB

💡 Display Technologies

LCD, TFT, LED, LED Screen, Neo Pixel