About SignOff Semiconductors

SignOff Semiconductors is a consulting company that was founded in 2015 by a group of semiconductor professionals. Since then, the company has provided design services to several companies in the semiconductor industry through continuous service partnerships. SignOff Semiconductors is a fast-growing company with a deep focus on getting excellent talent from the industry as well as picking exceptional talent from the academics.

Our unique and transparent work culture has helped us to retain the best talent and we collectively deliver high quality design services. Our team has a vast experience, and we can serve our clients on various services like Physical Design, Full Custom Analog and Digital Custom Layout and Verification, RTL Design, Verification Embedded and Firmware.

SignOff Semiconductor has offices in Bengaluru, Hyderabad, Toronto (Ontario, Canada) and California (US) in order to serve its customer based on their asks and needs.

Kaveri

Risc Based ASIC

Robust, Low power, Customizable, Scalabel

Since 2015

Operational

From day one our focus is to deliver Excellence Everyday

350+ Years

Cumulative Team Experience

From day one our focus is to deliver Excellence Everyday

Simple, Robust, Optimized, Dashboard, Automation

In House ASIC / SoC Flow

Anvay

30+ Partnerships

Partnership

Partnership with leading semiconductor companies, EDA, IP and Foundry services to deliver differentiated custom ASICs and IPs

Graphics, IoT, Automobile, N/W ICs, CPU, Modem, Custom - ASIC, SoCs

Tape Outs

200+

Contact Us

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🌐 www.signoffsemiconductors.com

Our Locations

📍 India — Bangalore(Headquater), Hyderabad

📍 USA — San Jose

📍 Canada — Markham

📍 China — Beijing

📍 Malaysia — Penang
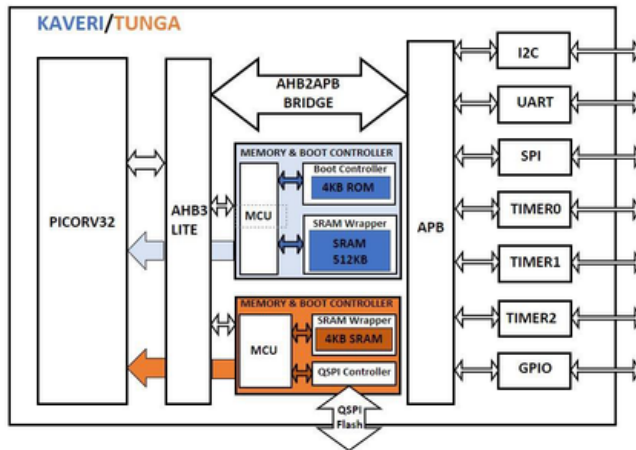
SignOff®
semiconductors

Engineering the Change
for a Device-Driven Future.

Embedded and Edge
Solutions & Services

Kaveri and Tunga Platform

Low-power and Low-footprint
RISC-V based PICORV32 processor
512 KB SRAM and 4KB boot ROM
4 KB SRAM and QSPI Flash

Solutions

1 Breath Analyzer

- Detect Alcohol Presence
- Realtime Data update
- Display the Results

2 Pulse Oximeter

- Receive Realtime Data
- Measure Heart-Rate in BPM
- Calculate the percentage of Oxygen in Blood
- Display the Results

Use-cases

RakshaVue
(Home Protection and Alarm System)

- Movement Detection
- Captured image and video stored locally and cloud
- Email alert with captured image
- Active event logging

FireGaze
(Multi-Storey Fire Alarming System)

- Real time alert System
- Emergency Contact Configurability
- Wi-fi connectivity
- Real time event log to cloud
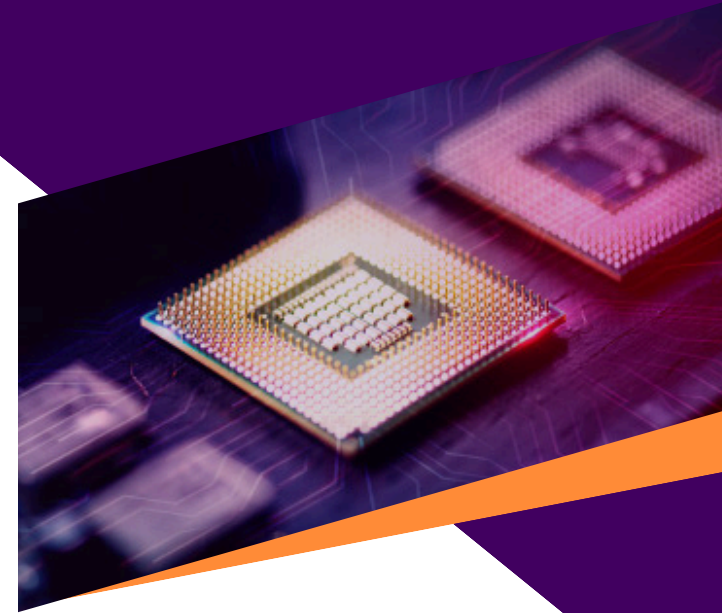- Error Monitoring and Reporting

WeGuard
(Face recognition-based Access Control)

- Camera Module captures images on presence detection
- Grant access and deny access control through mobile application
- Facial recognition for direct access
- Transfer of login details to the cloud

Look & Log
(Face recognition-based attendance system)

- Facial recognition logs attendance details.
- Login/logout details are recorded onto log sheet.
- Enrolment restricted to authorised personnel for enhanced security.
- Retrieval of enrolled images into local storage on booting process.

Services

- **EMBEDDED SYSTEM DESIGN**
- **PROTOTYPING & PROOF OF CONCEPT**
- **INTEGRATION & TESTING**
- **CONSULTING & ADVISORY**
- **CUSTOM SOLUTIONS**
- **IOT SOLUTIONS**
- **PORTABLE/HANDHELD DEVICES**
- **FPGA APPLICATIONS**