ASC CSE IoT 2.0 Kit

- Based on ESP WROOM32 Wi-Fi (802.11 b/g/n) + BLE Module (BLE 4.2)

- Based on the need, module can be changed

- On-board Reset and Boot Push Buttons.

- Supports LwIP and FreeRTOS

- On-board User LEDs (2 Nos), one Push Button, One 10K Analog POT, LDR. (Connected to default IOs through Jumpers and can be connected to any IOs for assessments purposes)

- CH340 based USB to UART Converter.

- On-board Type C Connector for powering the Board, Programming the Module, Serial Port.

- On-board DC power jack to power the Board from External DC Power Source.

- On-board Connectors for 5V. 3.3V, Gnd to power additional components

- On-board connectors for UART, I2C, SPI and CAN Modules. (Connected to default IOs through Jumpers and can be connected to any alternate IOs for assessments purposes)

- On-board Connectors for direct plugging of 3-Axis Gyroscope and Accelerometer MPU6050, CAN Transceiver TJA1050, USB2UART FT232 Module, 8 MB SPI based Data Flash module W25Q64.

- PCB : High Quality double sided Glass Epoxy. Size ; 60mm * 105 mm

- Best Suitable for Training and Prototyping IoT Products.

Designed by

Co-CPS and IoT TAG,

Amrita School of Computing, Coimbatore

Amrita Vishwa Vidyapeetham

Manufactured and Marketed by JRM Technologies.
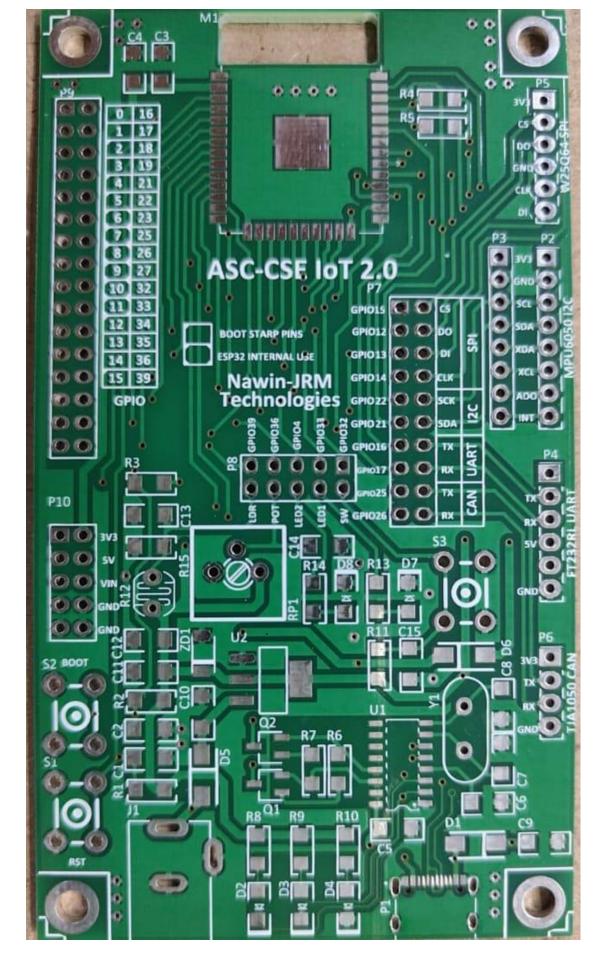
For more details, Contact

Er A Balakrishna Veni +91 9361140290 info@jrmtech.in   asbkveni@gmail.com

JRM Tehnologies, (www.jrmtech.in)

Co-Workspace, CIR Building,

 Amrita Vishwa Vidyapeetham,

Amrita Nagar POST, Coimbatore – 641112.

ASC-CSE-IoT 2.0 Layout