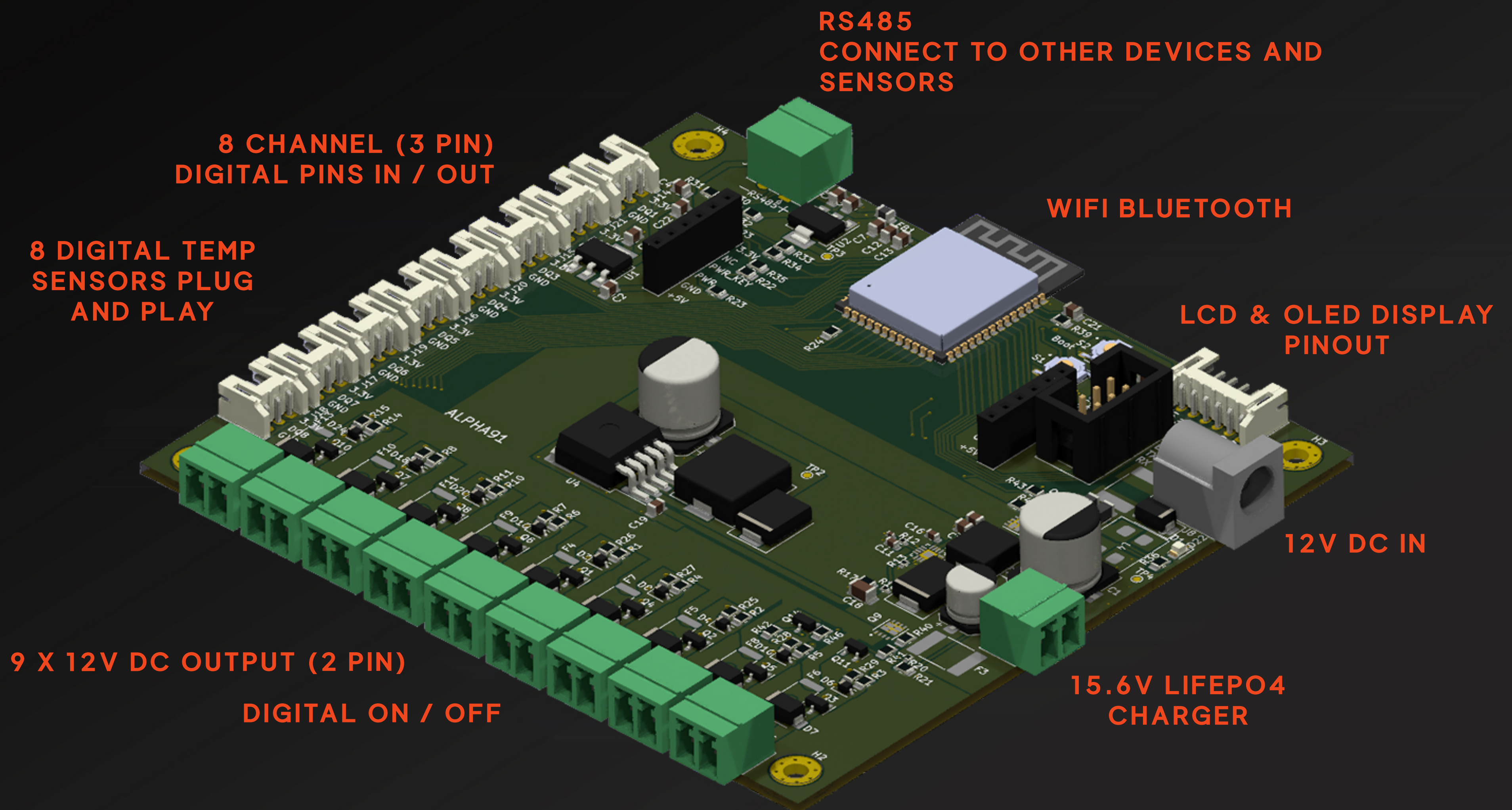# ALPHA91 ™

8 CHANNEL MAINBOARD V1.2

This is a 8-channel ESP32-S3-based IoT Automation and Control Board designed for industrial, fire suppression, automation, and IoT applications. It offers connectivity, power management, and modular sensor integration. Supports RS485 and Modbus.

RS485
CONNECT TO OTHER DEVICES AND SENSORS

8 CHANNEL (3 PIN)
DIGITAL PINS IN / OUT

WIFI BLUETOOTH

8 DIGITAL TEMP
SENSORS PLUG
AND PLAY

LCD & OLED DISPLAY
PINOUT

ALPHA91

12V DC IN

9 X 12V DC OUTPUT (2 PIN)

DIGITAL ON / OFF

15.6V LIFEPO4
CHARGER

RS-485 Serial

Web Server

WiFi

Bluetooth