

Table 1.1: System Specifications

Parameter	Value
Total RAM	520KB
Clock Speed	240 MHz
Wifi	150Mbps
Protocols	BLE & Bluetooth v4.2
GPIOs	35
DAC	Two channels
SAR DAC	18 Streams of 12-bit
Serial Communication	4 SPI, two 12C, two 12S, 3 UART
Physical LAN Connection	Ethernet MAC
Host Driver	1 SD/SDIO/MMC
Slave microcontroller	1 SDIO/SPI
LED Channels	16
Boot	Flash and protected
Algorithms	AES, RSA, RNS, HAS (SHA-2) and ECC

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