



## Key Features

- Fastest power-to-play Internet radio solution
- Industry leading form factor: 51 x 29 mm
- Multiple format radio: Internet radio, DAB/FM radio
- Music streaming: Wi-Fi streaming, BT streaming
- FmCAST slave radio with BT speaker (optional)

## Applications

- Internet radio
- AV receiver
- Wi-Fi/BT speaker
- Hybrid Internet/DAB/FM radio with BT speaker

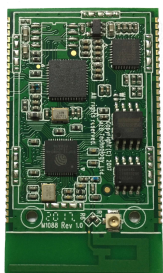
## Overview

M1088 module is a complete hardware, software and backend portal solution for Internet radio, DAB/FM radio, DLNA/UpnP local network streaming and Bluetooth speaker products. It provides the simplest and lowest-cost solution for cloud radio and music streaming, in addition to broadcast radio of DAB and FM.

Powered by an industry-leading SoC that integrates 802.11 b/g/n Wi-Fi up to 150 Mbps, dual-mode Bluetooth and dual-core 32-bit CPU running at 240 Mhz. Running with a compact real-time OS, FreeRTOS, M1088 boasts the fastest boot-to-play commercially available Internet radio in the world.

## Hardware Features

- 802.11 b/g/n with WEP, WPA, WPA2
- Bluetooth 4.1 dual mode
- 10/100 mbps Ethernet
- 16-bit I2S audio CODEC
- SPI interface for TFT or STN LCD
- Infra red remote
- Optional DAB/FM radio with RDS
- SD card interface
- Rotary encoder and buttons



M1088 module  
29 x 51 mm

