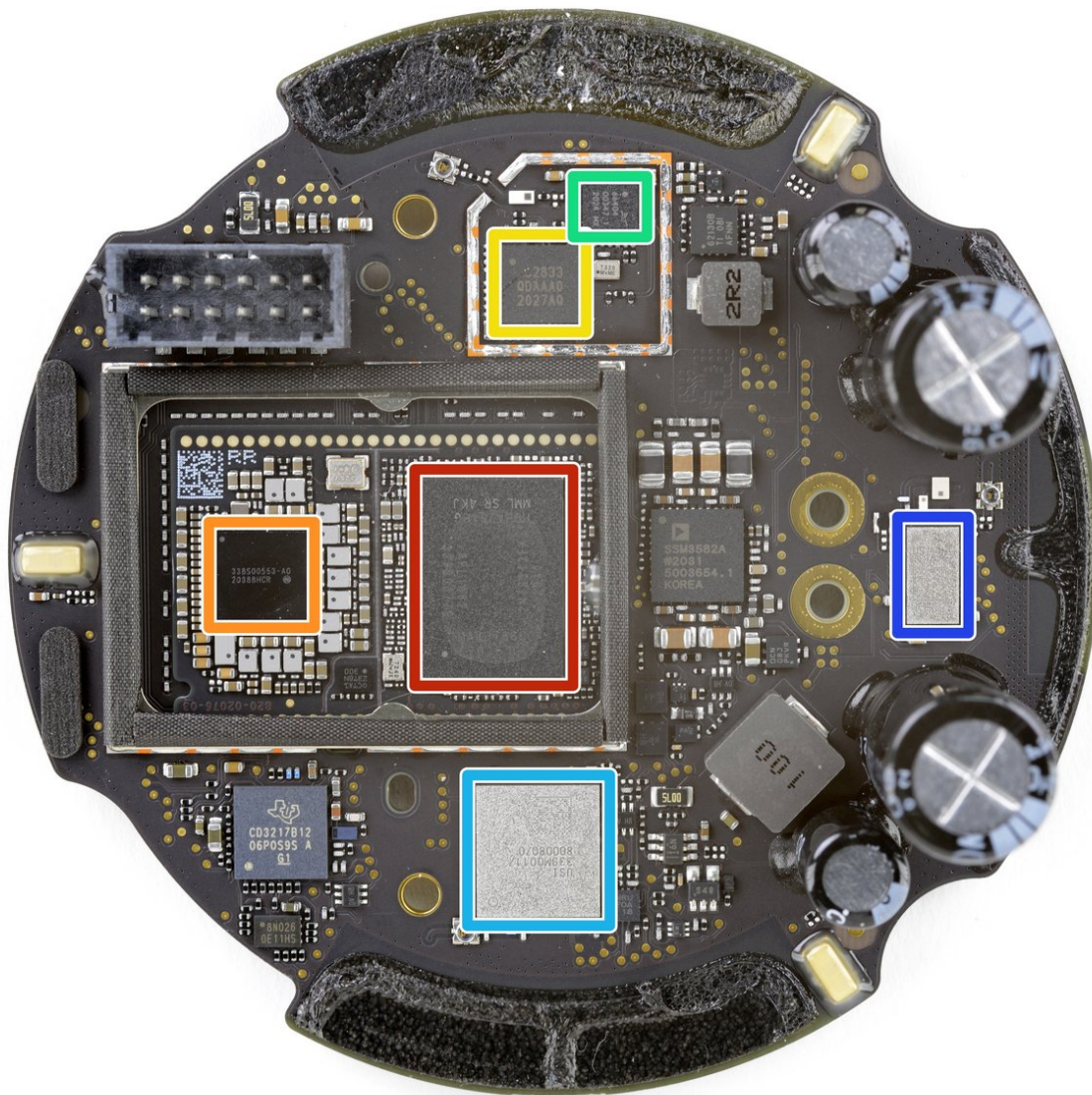




HomePod Mini IC Identification

IC Identification of the HomePod Mini.

Written By: CChin

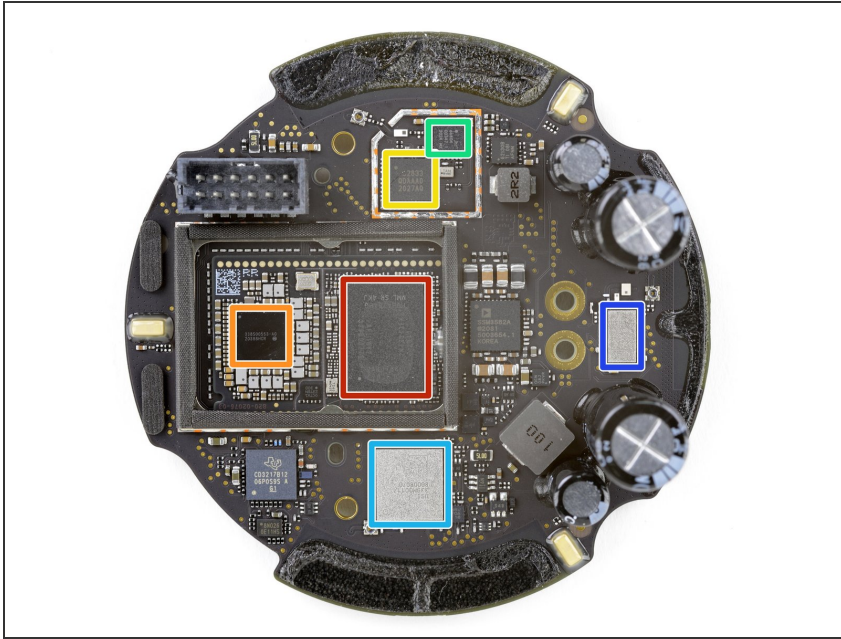


INTRODUCTION

Due to the interest on online forums for the chip ID of this device, here is IC Identifications of the HomePod Mini. Images are originally from an iFixit blog [post](#).

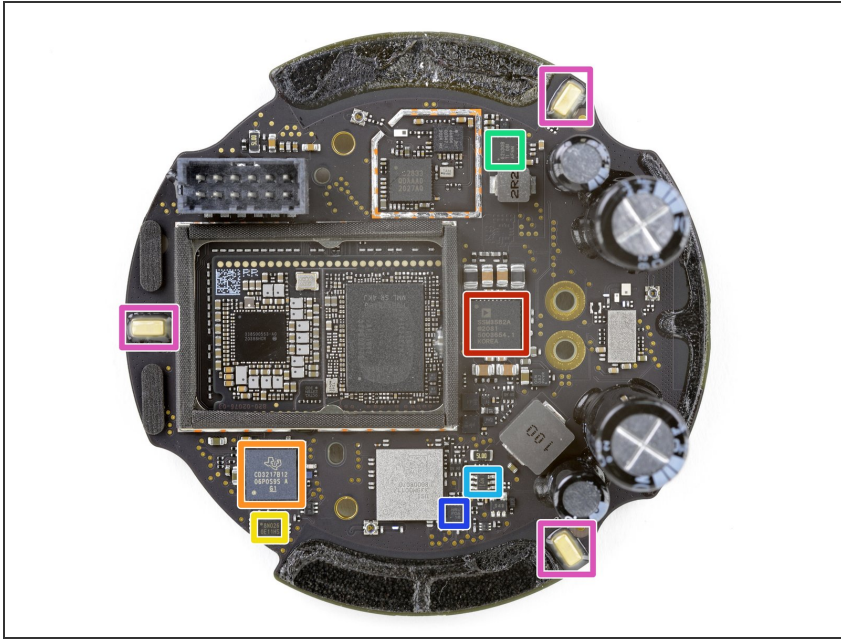
Full IC Identifications can be downloaded above.

Step 1 — HomePod Mini IC Identification



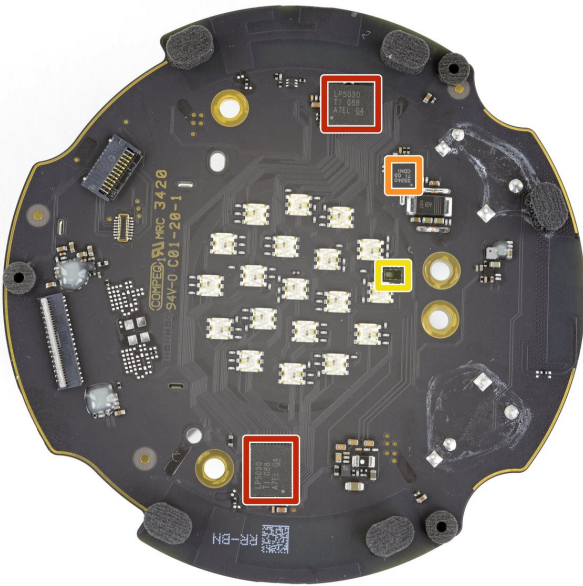
- Side 1 IC Identification, Pt. 1:
 - Apple APL1W82 64-Bit Dual-Core Applications Processor w/ GPU with likely 1 Gb LPDDR3 SDRAM Memory
 - ⓘ This is the same processor found in the [Apple Watch Series 5](#), just not protected by a boatload of epoxy.
 - Apple 338S00553-A0 Power Management
 - Nordic Semiconductor [nRF52833](#) Bluetooth 5.2 SoC w/ NFC and Zigbee
 - Skyworks [SKY66404-11](#) 2.4 GHz Zigbee/Thread/Bluetooth Front-End Module
 - USI 339M00117 WiFi/Bluetooth Module
 - USI UWB Transceiver

Step 2



- Side 1 IC Identification, Pt. 2:
 - Analog Devices [SSM3582A](#) 31.76 W Filterless Stereo Class D Audio Amplifier
 - Texas Instruments CD3217B12 USB Type C Controller
 - Winbond [W25Q80DVUXIE](#) 8 Mb Serial NOR Flash Memory
 - Texas Instruments [TPS62130B](#) 3 A Step Down Converter
 - Texas Instruments [INA199C3DCK](#) Bi-Directional Current Sense Amplifier
 - Dialog Semiconductor [SLG46140](#) Programmable Mixed Signal Array
 - 3 Likely Goertek MEMS Microphones are found around the perimeter of the PCB.

Step 3



- Side 2 IC Identification:
 - Texas Instruments [LP5030RJVR](#) 30-Ch. Constant Current RGB LED Driver
 - Texas Instruments [TPS55340RTE](#) 5 A Boost Regulator
 - Austria Microsystems (AMS) Ambient Light Sensor

Step 4



- Sensor Flex IC Identifications:
 - Texas Instruments [HDC2010YPA](#) Humidity/Temperature Sensor
 - Another likely Goertek MEMS Microphone