



**AW-HM662  
Broadcom  
WiFi Card Plus  
Bluetooth 4.0  
for MAC**



# AzureWave AW-HM662 Broadcom WiFi Card Plus Bluetooth 4.0 for MAC Instructions

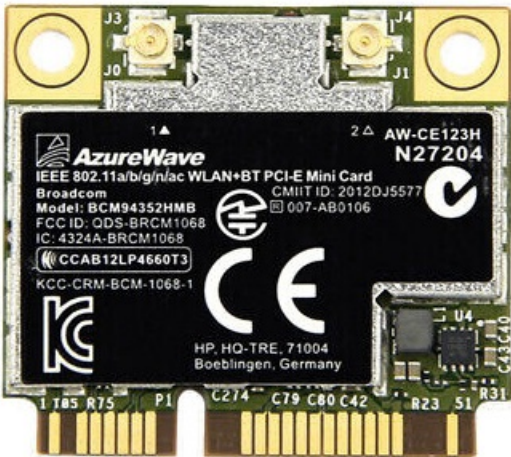
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## AzureWave AW-HM662 Broadcom WiFi Card Plus Bluetooth 4.0 for MAC



### Specifications

- Model: AW-HM662

- Reference Design Guide: Rev. 01
- Revision Date: 2024/9/5

**Product Usage Instructions:**

**Reference Schematic:**

The capacitor C321 for VDD\_FEM, C3 for VBAT, and C2 for VDDIO must be placed as close as possible.

**Antenna Connector:**

Please reserve a T-Shaped network for RF tuning.

**Mode Select / Reset / Indicate:** [Instructions for mode select/reset/indicate]

**USB to UART for DUT Control:** [Instructions for USB to UART connection]

**Power Supply:**

[Instructions for power supply connection]

**Raspberry PI:**

[Instructions for Raspberry PI integration]

**Reserve for Debug:** [Instructions for debugging]

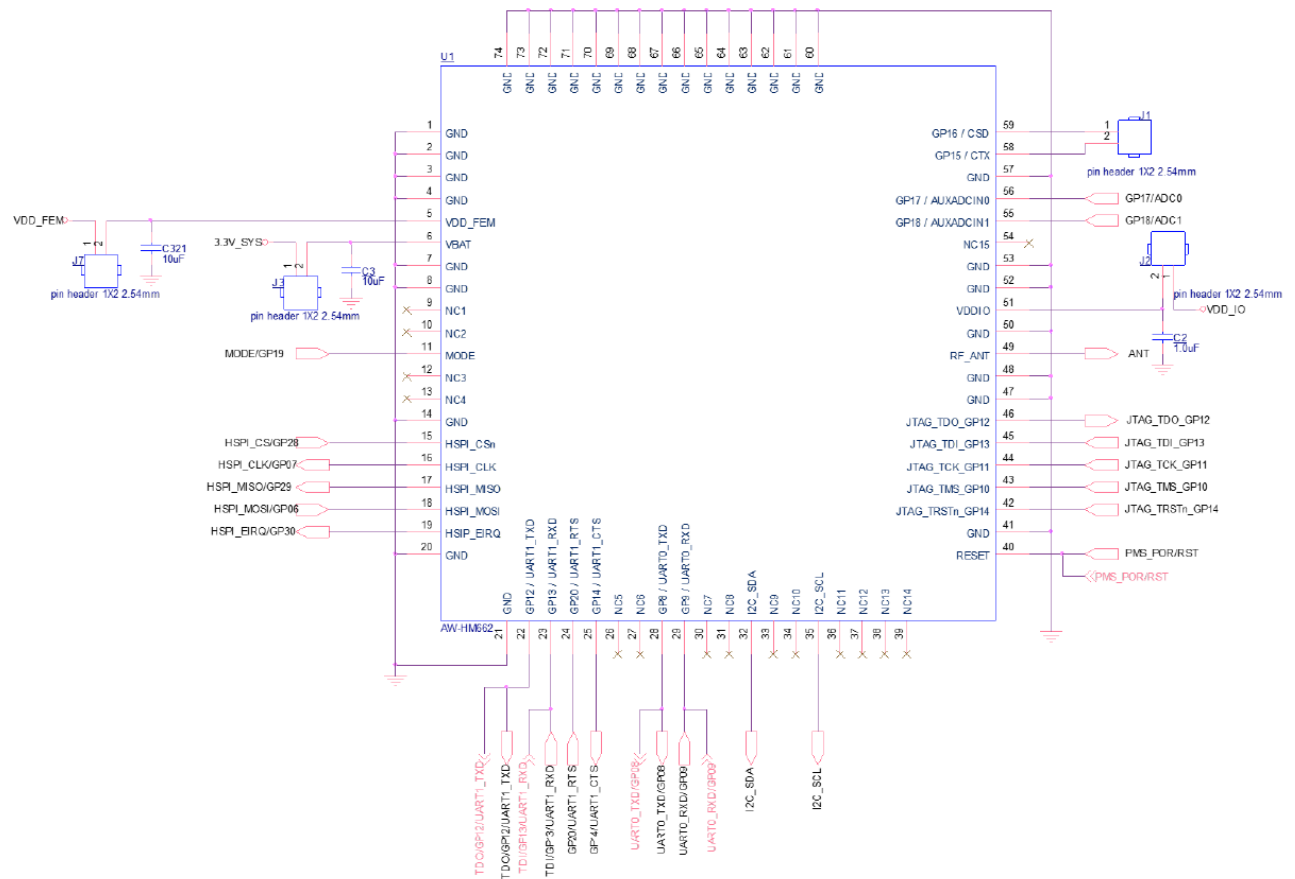
**Revision History**

Version	Revision Date	Description	Initials	Approved
01	2024/9/5	I Initial Version	Daniel Lee	N.C. Chen

**Reference Schematic**

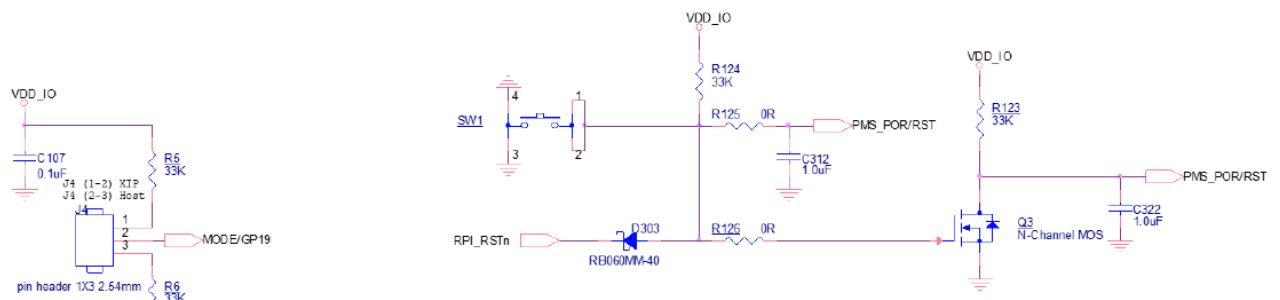
1. AW-HM662

The capacitor C321 for VDD\_FEM, C3 for VBAT and C2 for VDDIO must be placed as close a s possible



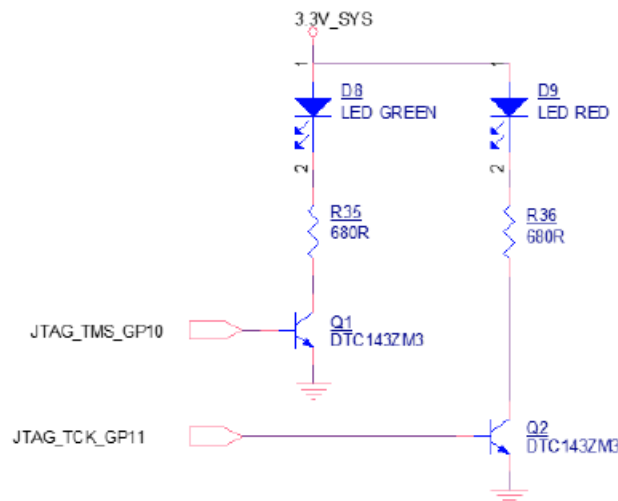
## 2. Antenna Connector

Please reserve a T Shaped network for RF tuning



Active High R125 NC R914 on  
Active Low R125 on R914 NC

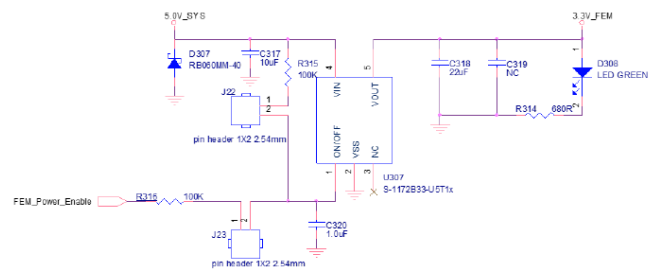
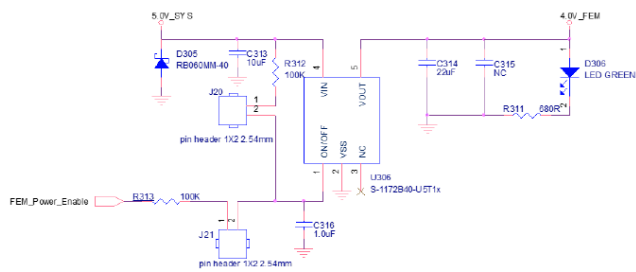
## 3. Mode Select / Reset / Indicate



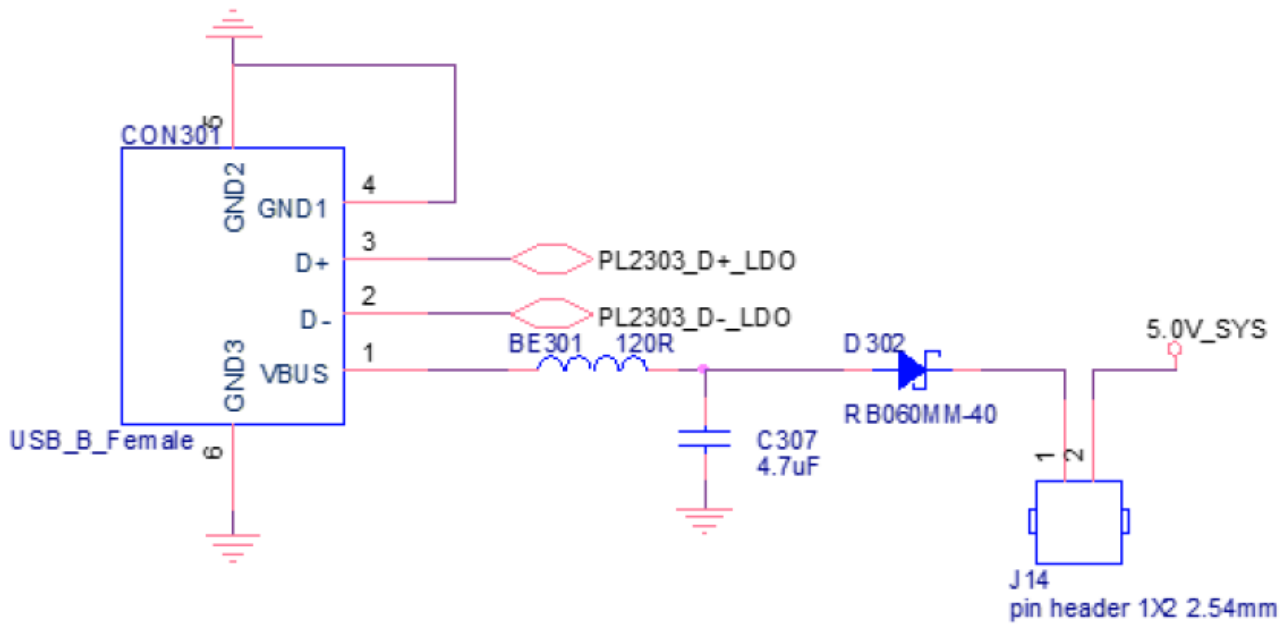
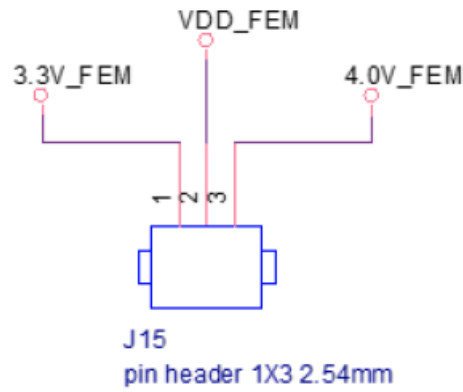
# Indicate

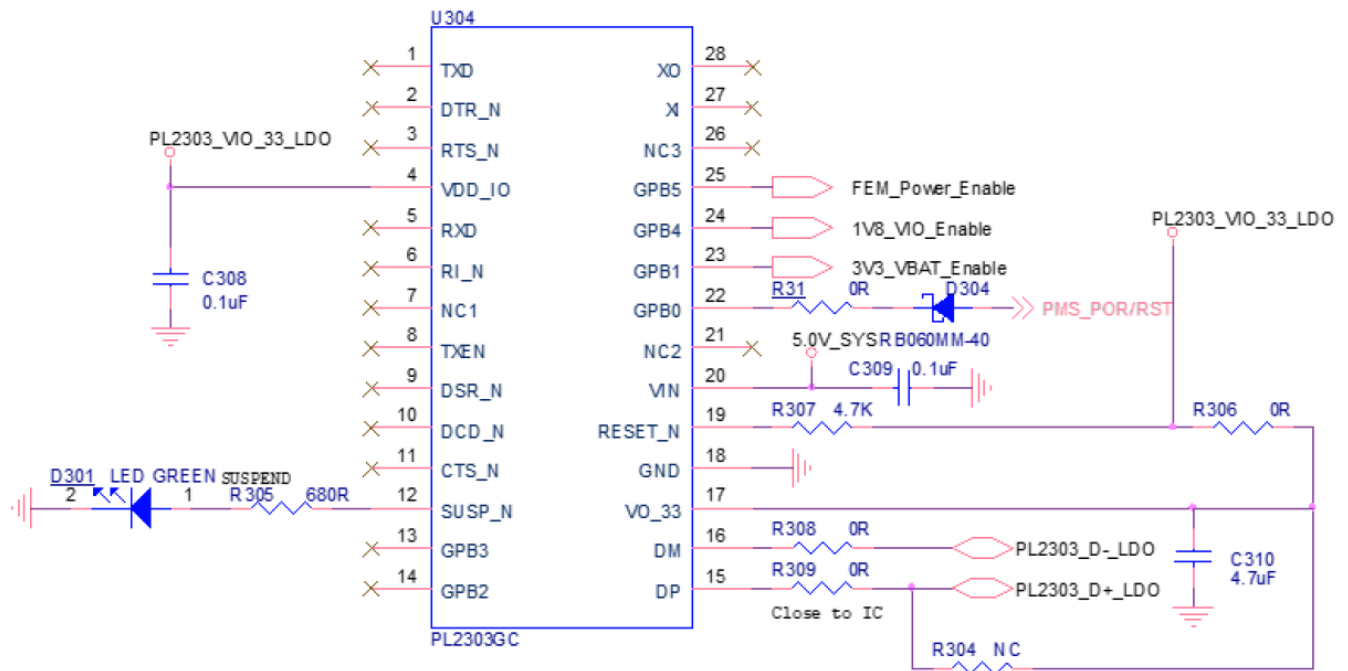
## 4. USB to UART for DUT Control





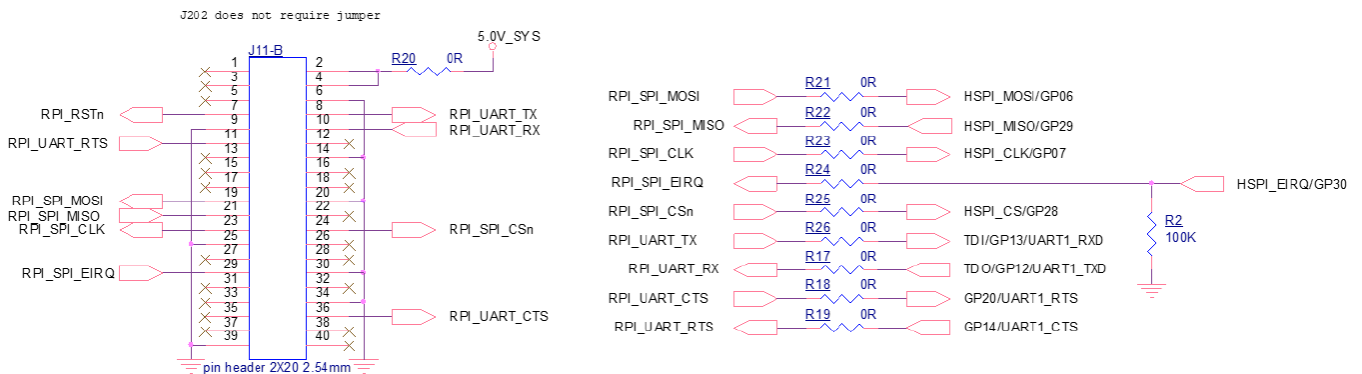
- 4.0V FEM POWER
- 3.3V FEM POWER



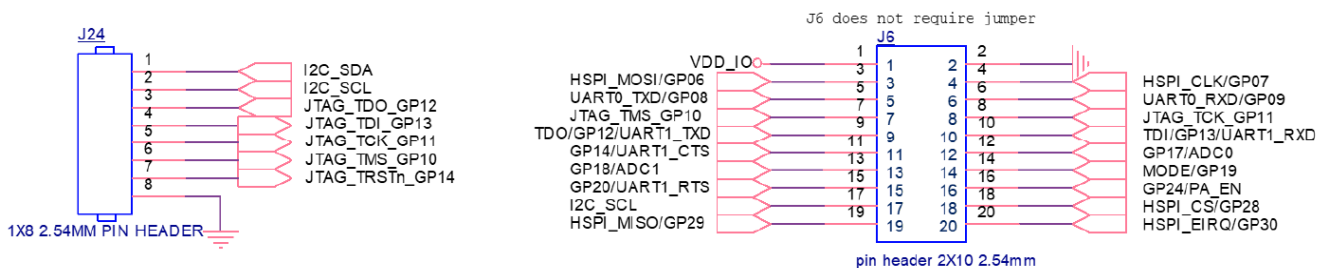


- USB for LDO Control
- UBS TO UART (LDO Control)

## Raspberry PI



## Reserve for Debug




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## FAQs

**Q: Can I distribute or reproduce the information in this manual?**

A: No, the information contained herein is the exclusive property of AzureWave and should not be distributed, reproduced, or disclosed without prior written permission.

**Documents / Resources**

	<p><a href="#">AzureWave AW-HM662 Broadcom WiFi Card Plus Bluetooth 4.0 for MAC</a> [pdf] Instructions AW-HM662, AW-HM662 Broadcom WiFi Card Plus Bluetooth 4.0 for MAC, Broadcom WiFi Card Plus Bluetooth 4.0 for MAC, WiFi Card Plus Bluetooth 4.0 for MAC, Bluetooth 4.0 for MAC</p>
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**References**

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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