

AW-HM662

Reference Design Guide

Rev. 01

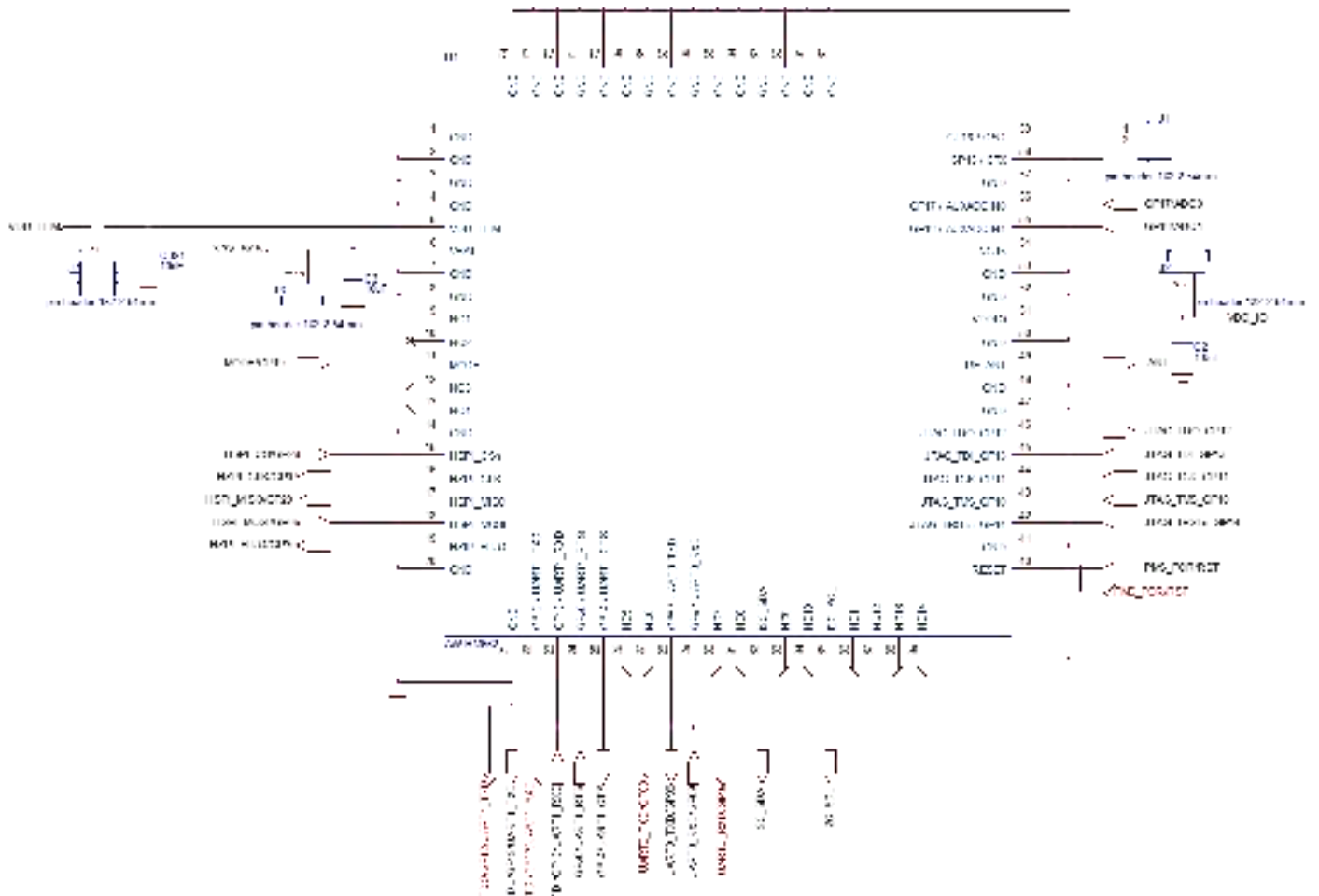
Revision History

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

Reference Schematic

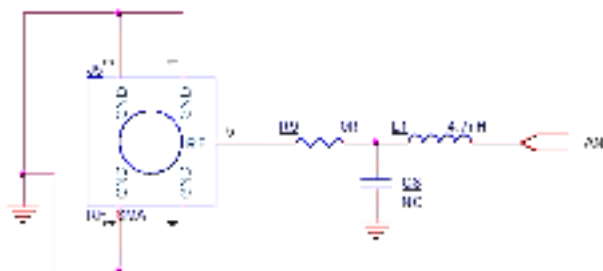
1. AW-HM662

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



2. Antenna Connector

Please reserve a T-Shaped network for RF tuning.

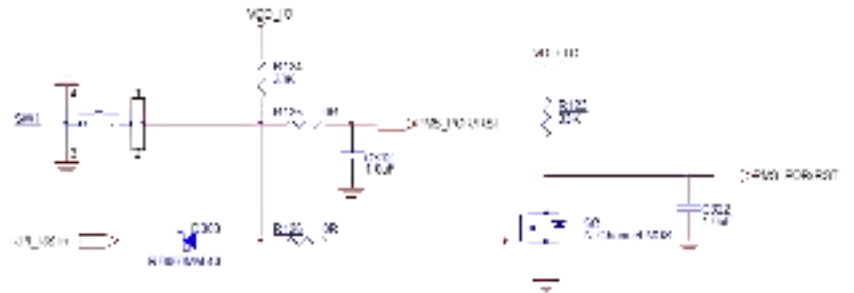


ANTENNA CON

3. Mode Select / Reset / Indicate

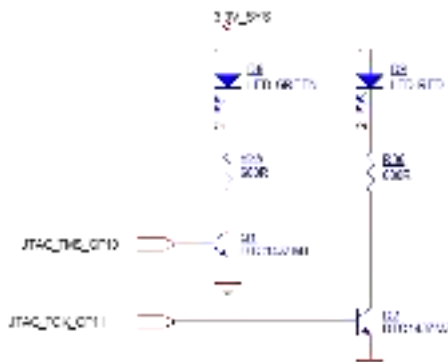


MODE SELECT



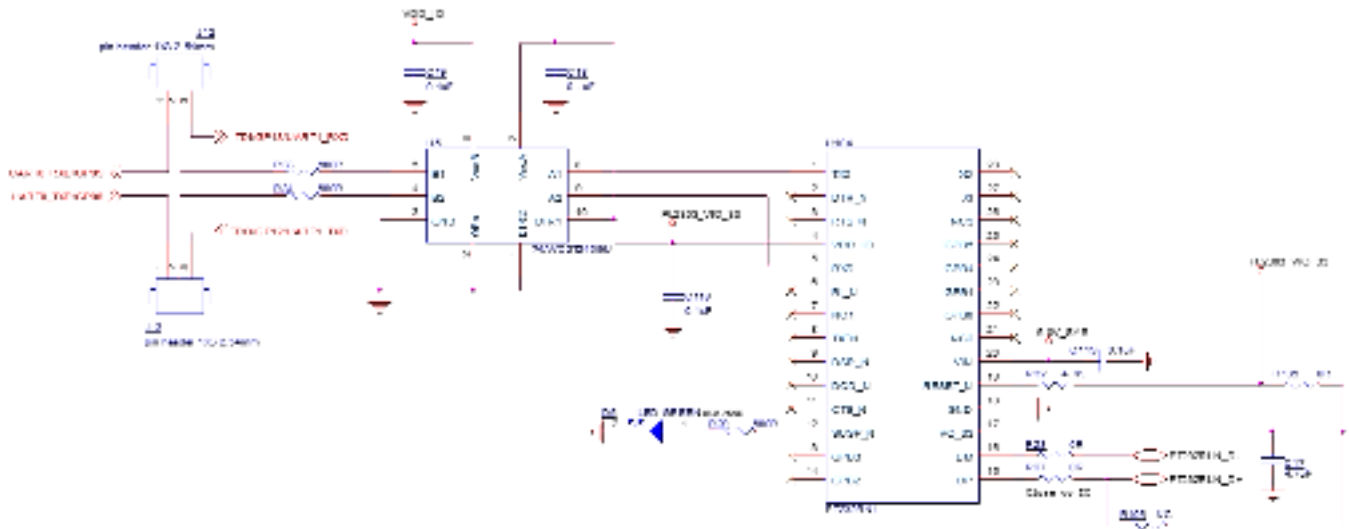
Active High R125 NC R914 on
Active Low R125 on R914 NC

Reset

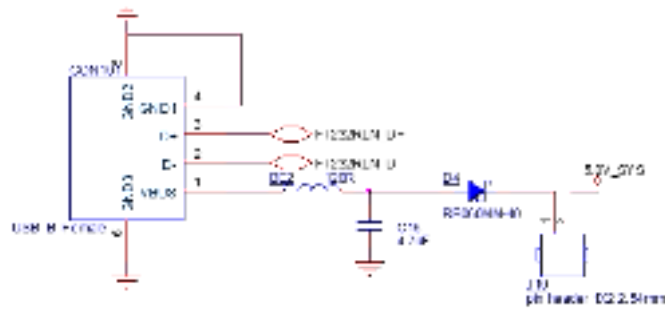


Indicate

4. USB to UART for DUT Control

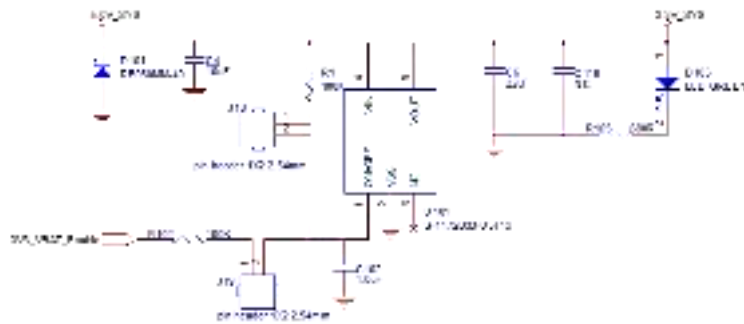


USB TO UART (DUT Control)

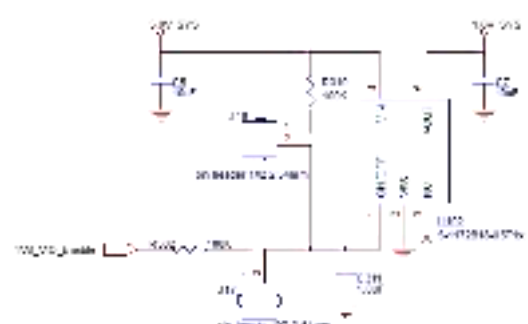


USB for DUT Control

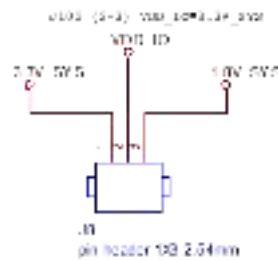
5. Power Supply



3.3V POWER



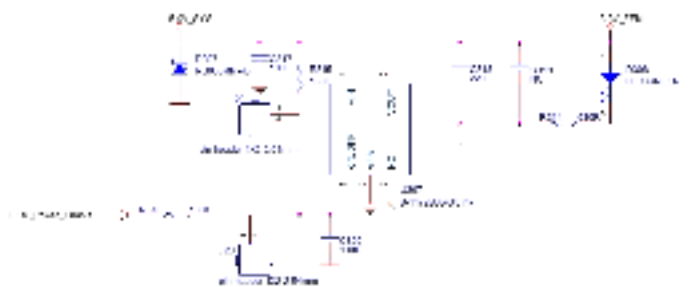
1.8V POWER



IO VOLTAGE SELECT



4.0V FEM POWER

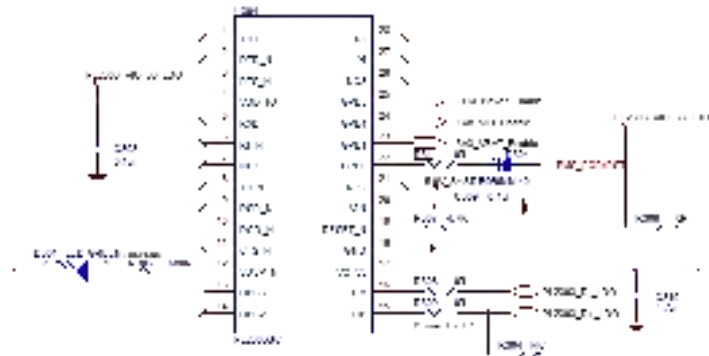


3.3V FEM POWER



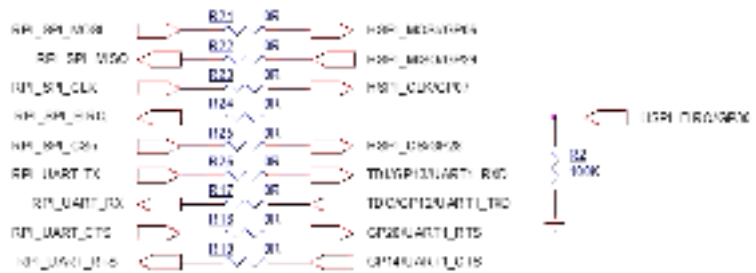
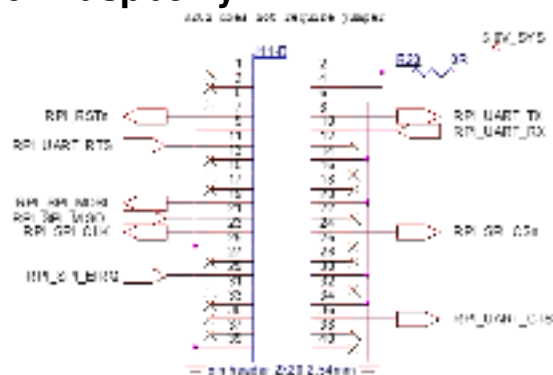


USB for LDO Control



UBS TO UART (LDO Control)

6. Raspberry PI



RASPBERRY PI

7. Reserve for Debug

