

# ATM2202 EVALUATION BOARD

| Release Date | Revision | Design Eng. | Design Note                                                                                                                                                                                                                                                                                                          |
|--------------|----------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 05/31/2019   | Rev. A   | SK          | Initial release                                                                                                                                                                                                                                                                                                      |
| 07/31/2019   | Rev. B   | SK          | Changed TP9 to test loop<br>Added C35=10uF to VSTORE<br>Added R42 to Flash CS#                                                                                                                                                                                                                                       |
| 08/15/2019   | Rev. C   | SK          | Removed L1 on VDD1A.<br>Added a connection from VAUX to VDDIOP (JP8).<br>Added a connection from VCC 3V_BD to VBATT (JP7). Added C36 & C37.<br>Pulled R42 on FLASH_CS_L to VCCIO.<br>Added L7 in series with C33 on RFIO.                                                                                            |
| 10/14/2019   | Rev. C1  | CL          | Changed C1, C5, C6, C7, C8, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25, C36, C37 to NL.<br>Changed C10, C13 from 10uF to 4.7uF.<br>Changed C4 from 220uF to 100uF.<br>Changed C9 from 10uF to 1.0uF.<br>Changed C12 from 1.0uF to 10uF.<br>Changed WURX matching.<br>Added note for C2 to operate below -20°C. |
| 02/14/2020   | Rev. C2  | SK          | Changed values for RFIO match.                                                                                                                                                                                                                                                                                       |
| 02/08/2021   | Rev. E2  | AD          | Modified schematic for new RF match.                                                                                                                                                                                                                                                                                 |
| 04/22/2021   | Rev. E2b | AD          | Specifically for ATM2202.<br>Changed Harvester match and Flash to NL                                                                                                                                                                                                                                                 |
| 12/03/2021   | E2b-02   | AD          | Changed C9 (VDDAUX) from 1uF to 10uF to support fast power cycling                                                                                                                                                                                                                                                   |
| 7/29/2026    | E2b-03   | AD          | Update pin names of ATM2202 to be consistent with datasheet                                                                                                                                                                                                                                                          |

**Atmosic Technologies, Inc**  
2130 Gold Street, Suite 200  
San Jose, CA 95002

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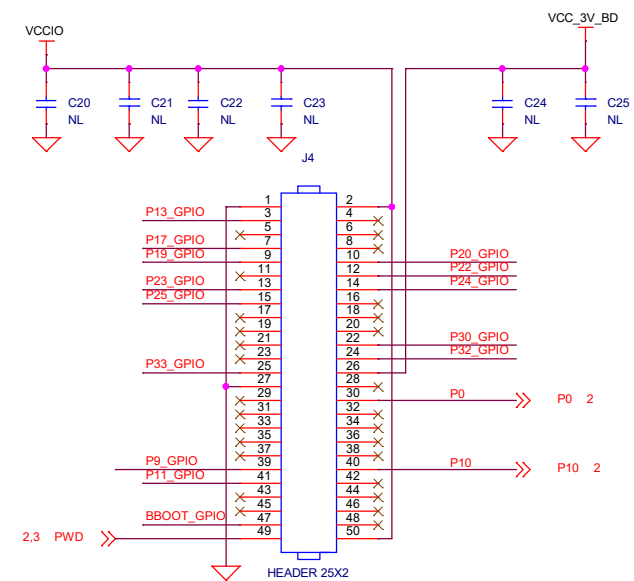
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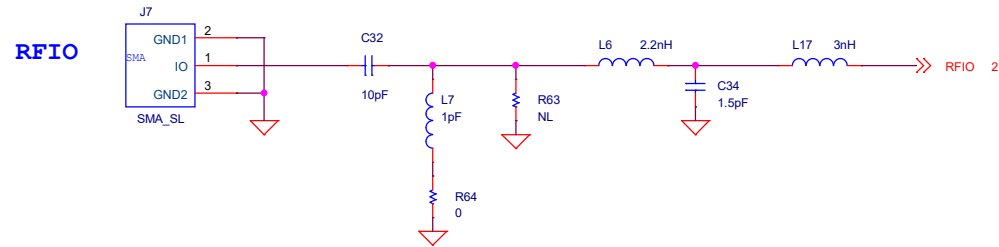


TO INTERFACE BOARD

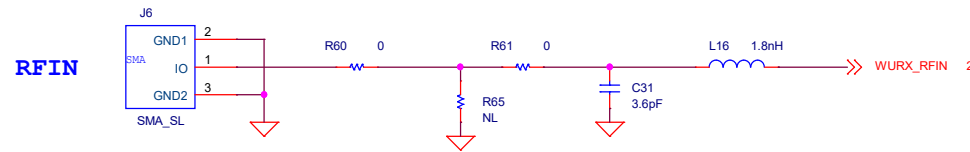


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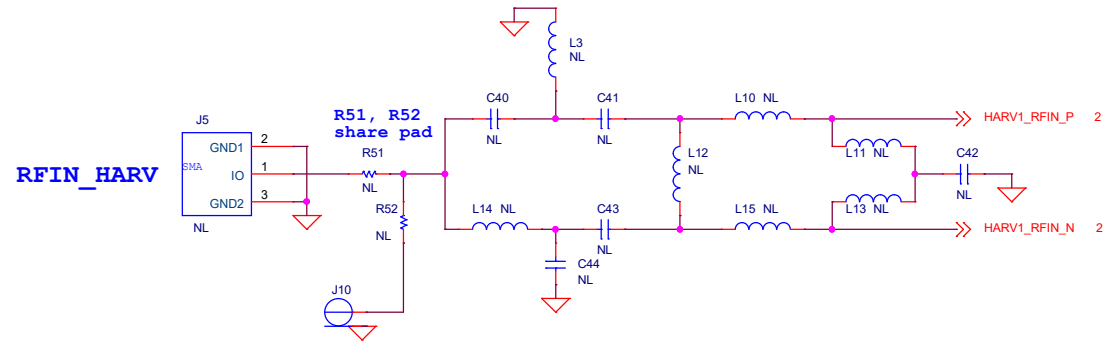
## BLE front-end & ANT



## WuRx front-end & ANT



## RF Harvester front-end & ANT - NO LOAD



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