

**Battery Gauge BQ27621 Breakout Board**

VDD = 1.8V (Internal regulator output)

By default, the BIN pin function is disabled  
If your battery pack has thermistor, change the JP1 configuration.

By default, external VDD of 3.3V is required.  
If your interface logic is 1.8V level, change solder bridge JP2 configuration








JP1(1-2)	Default – Pulled down through 10k; BIN disabled
JP1(2-3)	Pulled up through 1.8Meg; Battery pack shall have a thermistor
JP2(1-2)	Default – Connect external 3.3V on VDDE pin
JP2(2-3)	To use 1.8V regulator output

**Title: BQ27621-G1 Breakout Board**

Sheet: /  
File: BQ27621-G1\_Breakout\_Board\_v1.kicad\_sch

Size: A4 Date: 2025-08-01 Rev: v1  
KiCad E.D.A. 9.0.3 Id: 1/1

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|--|--|
|  FID1 |  H1 |
|  FID2 |  H2 |
|  FID3 |  H3 |
|  |  H4 |