



- R2 Design changes**
- * Replace bucks with TPS54302
 - * Remove eFuse
 - * Remove LED regulator and PG LEDs
 - * Add Reverse-polarity with PMOS
 - * Protect CLK
 - * Voltage clamp CLK_LOW

Vout = 3.3V & 5V 3A
Vin = 5V - 28V 3.25A

Beehive Engineering

Sheet: /

File: 5x5 Display.kicad_sch

Title: 5x5 Tileable Minibadge Display

Size: A4

Date: 2026-01-09

KiCad E.D.A. 9.0.3

Rev: R2

Id: 1/2