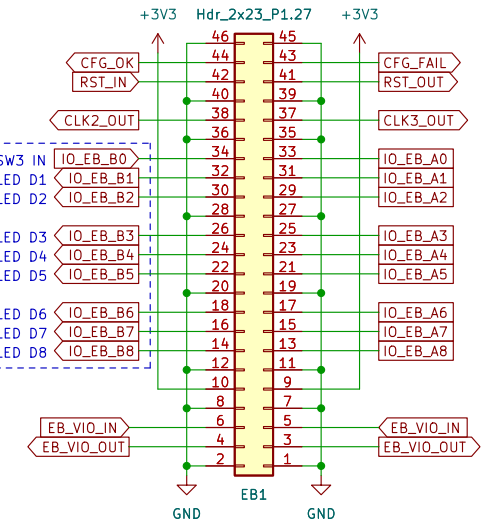
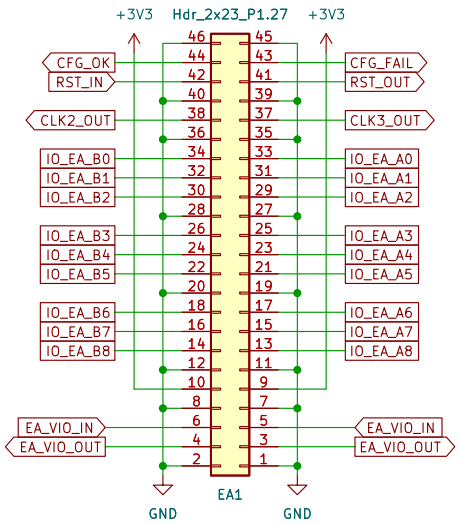
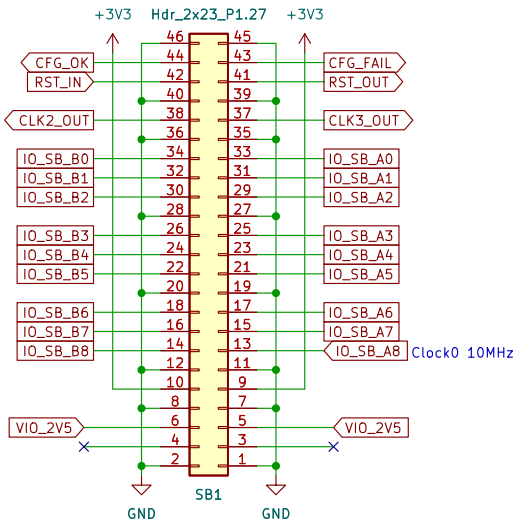
GPIO Bank EB



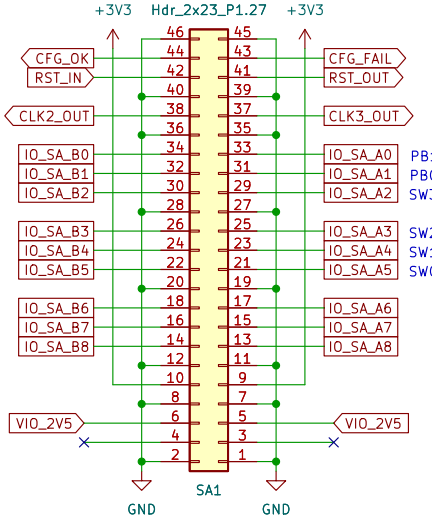
GPIO Bank EA



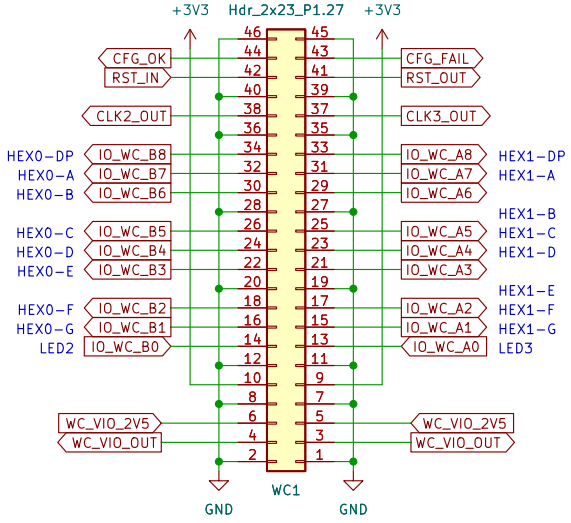
GPIO Bank SB



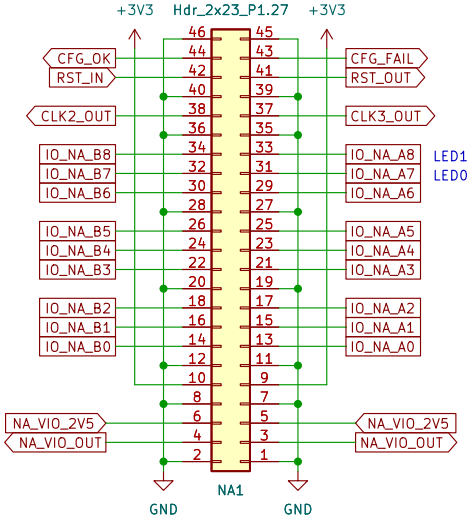
GPIO Bank SA



GPIO Bank WC



GPIO Bank NA



Power LED

data-in

File: data-in.kicad_sch

FM4DD:Label_3V3
FM4DD:Label_2V5
FM4DD:Label_GND
Logo_FM4DD_5mm

Note:
GateMate CCGM1A1 max IO voltage is 2.7V, the pins are not 3.3V-safe.

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https://github.com/fm4dd/gm-proto-e1.git

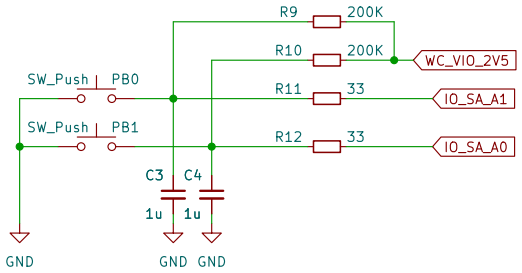
Sheet: /
File: gm-proto-e1.kicad_sch

Title: GateMate E1 Proto Board

Size: A4	Date: 2022-09-04	**Rev: 1.0**
KiCad E.D.A. eeschema (6.0.7)		Id: 1/2

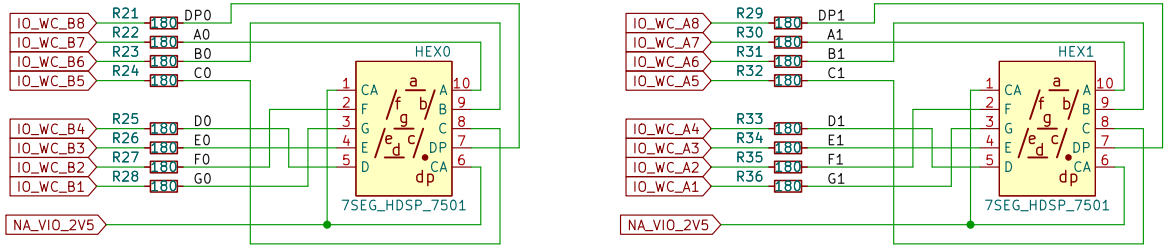
Input: Push Buttons

2x push buttons with pull-up. Negative logic: press = 0.



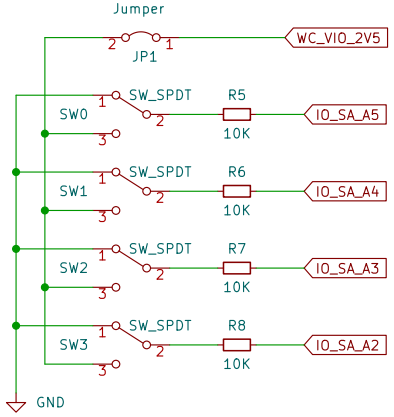
Output: 7-Segment Display

2x Digits, common anode, no mulitplexing. Broadcom HDSP-7501 0.3" module



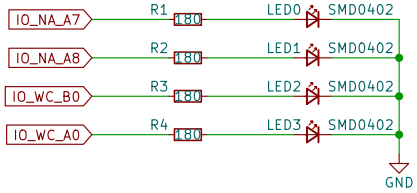
Input: Slide Switches

4x slide switches set GND / +2V5 level signals.

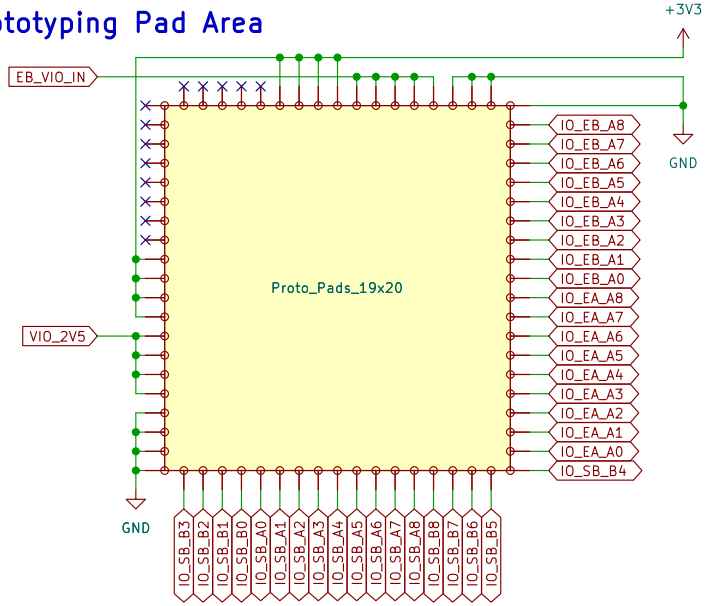


Output: LED

4x 3mm LED for digital output signals.



Prototyping Pad Area



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https://github.com/fm4dd/gm-proto-e1.git

Sheet: /data-in/
File: data-in.kicad_sch

Title: GateMate E1 Proto Board - Input Output Signals

Size: A4	Date: 2022-09-04	Rev:
KiCad E.D.A. eeschema (6.0.7)		Id: 2/2