

Max measurable current = 3.2A  
 Power Data Acquisition Address: b'1000100  
 LPF corner frequency is around 500kHz scaled to components preferred values

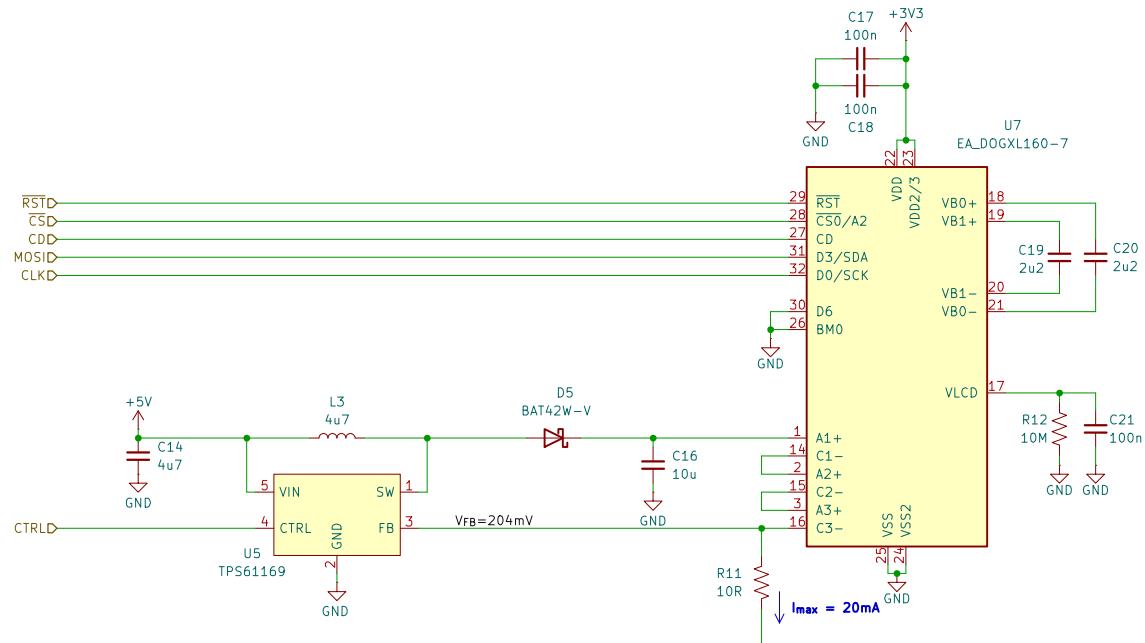
**Title: Load Measuring Circuit**

Size: A4 Date: 2025-09-01

gpcm00

Rev: A

Id: 3/6



$$I_{LED} = D \frac{V_{FB}}{R_{11}}$$

Current = 20mA \* (Duty Cycle on CTRL)  
 Backlight: EA LED78X64-W  
 Current Controller Address: b'0101110

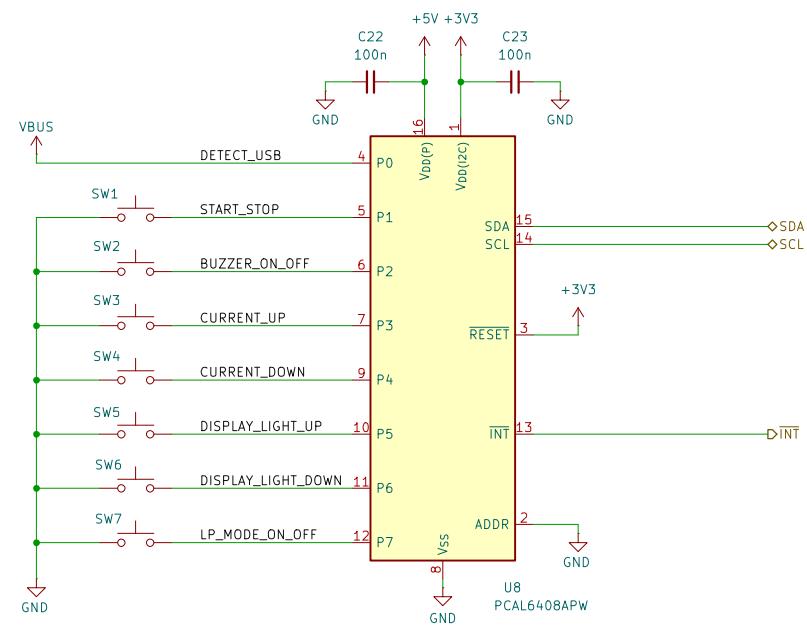
**Title: LCD Display with Brightness Control**

Size: A4 Date: 2025-09-01

gpcm00

Rev: A

Id: 5/6



IO Expansion Address: b'0100000

**Title:**

Size: A4 Date: 2025-09-01

gpcm00

Rev: A

Id: 6/6

