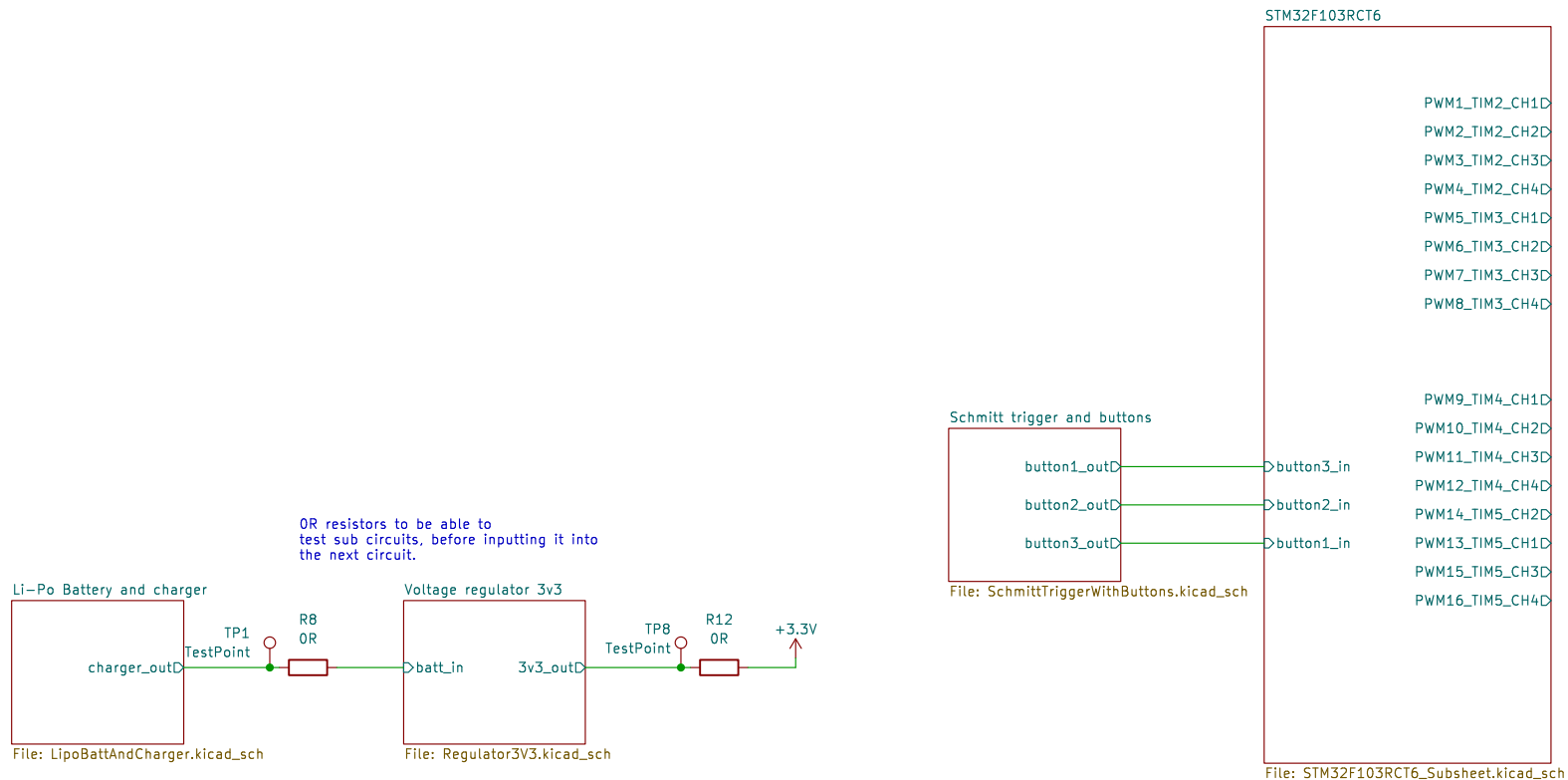
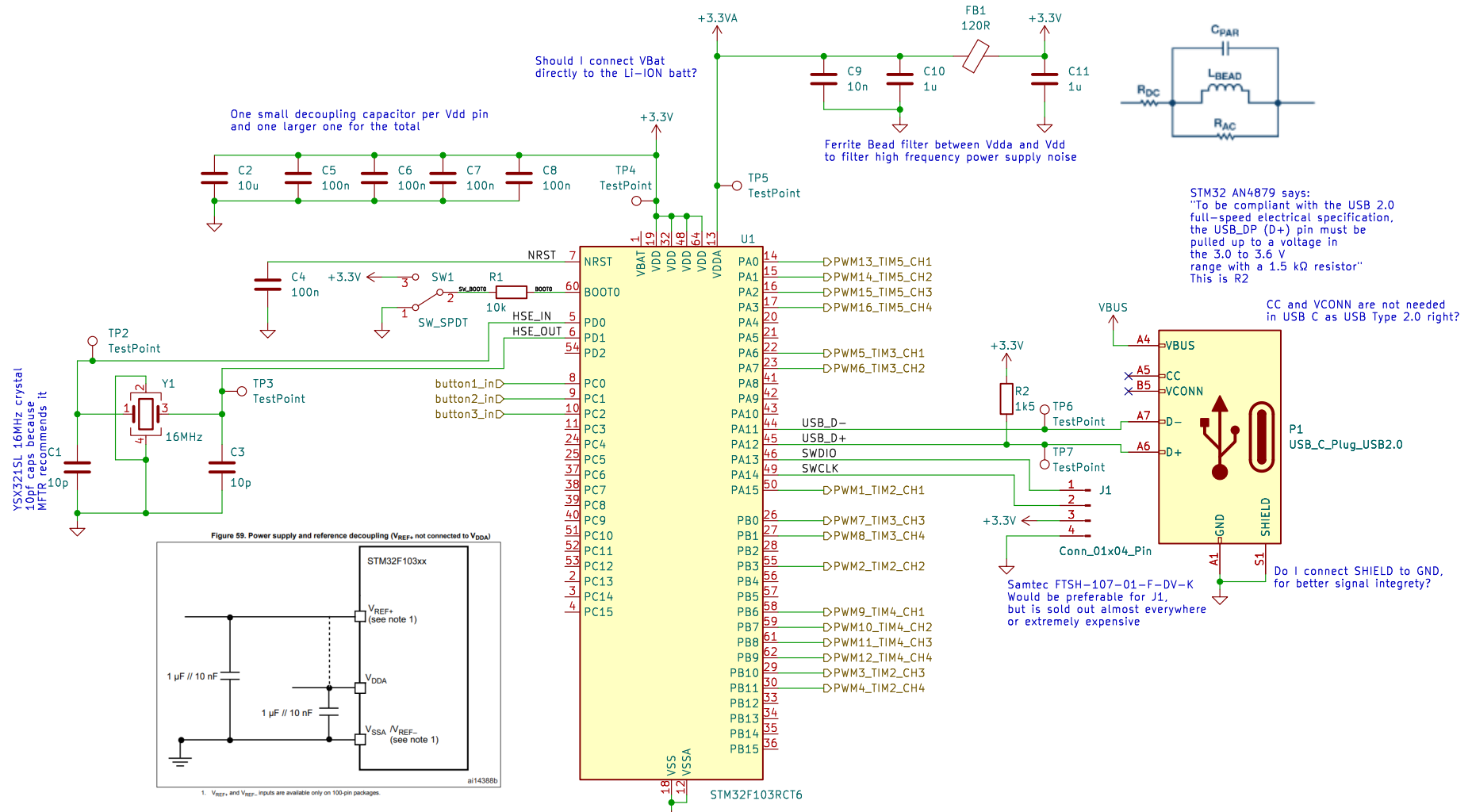


# 'Shotclock mainboard' root page



Sheet: /		
File: ShotClockProject.kicad_sch		
Title: Shotclock Mainboard		
Size: A4	Date: 2023-06-28	Rev: 1
KiCad E.D.A. kicad 7.0.5-4d25ed1034-172-ubuntu22.04.1		Id: 1/5

# STM32F103RCT6 with crystal, power, USB connector, GPIO and SWD



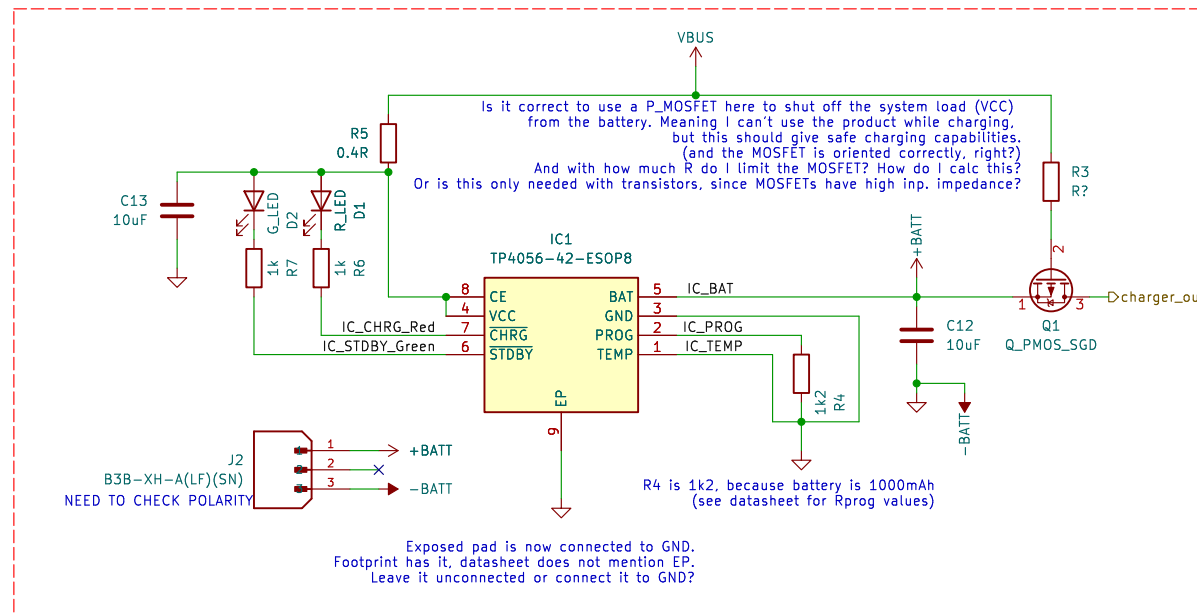
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File: STM32F103RCT6\_Subsheet.kicad\_sch

**Title: Shotclock Mainboard**

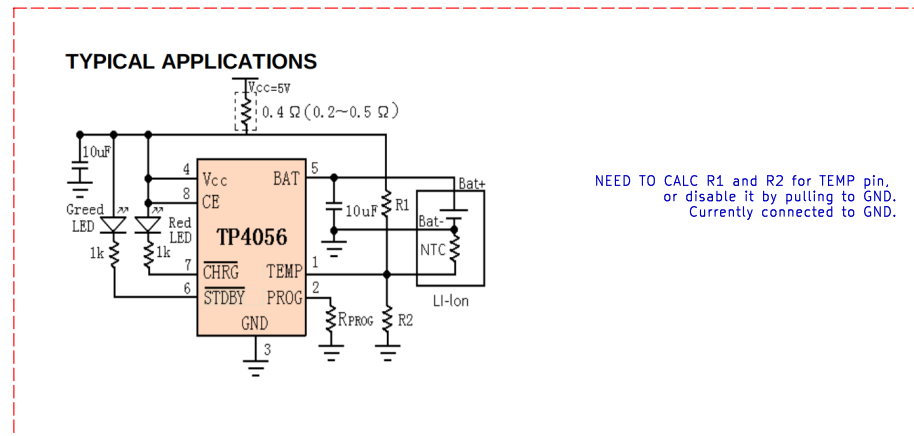
Size: A4 Date: 2023-06-28  
KiCad E.D.A. kicad 7.0.5-4d25ed1034-172-ubuntu22.04.1

Rev: 1  
Id: 2/5

## TP4056 Li-Po Charging Circuit



## TP4056 Typical application schematic & global notes



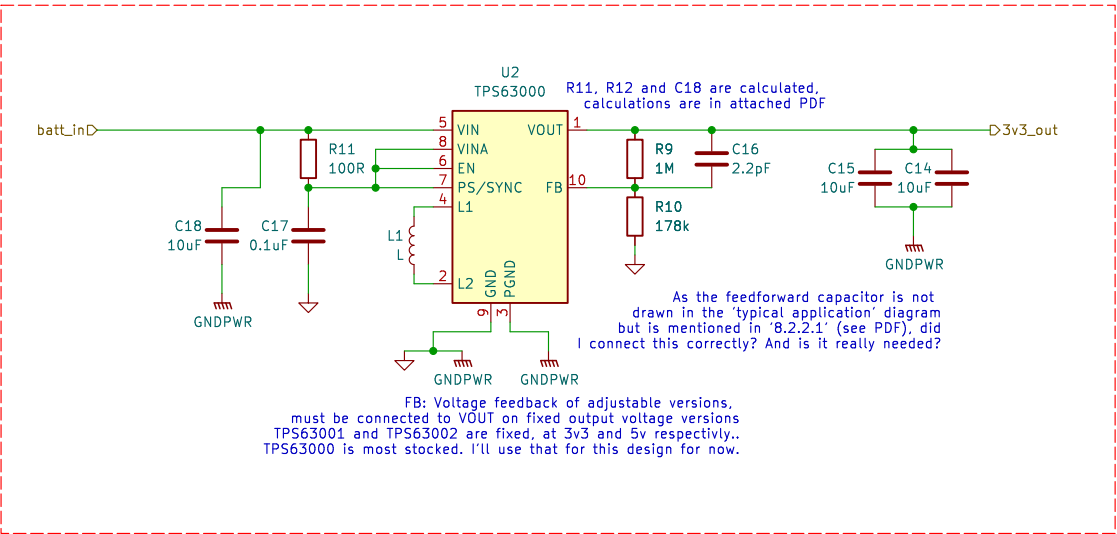
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File: LipoBattAndCharger.kicad\_sch

**Title: Shotclock Mainboard**

Size: A4 Date: 2023-06-28  
KiCad E.D.A. kicad 7.0.5-4d25ed1034-172-ubuntu22.04.1

Rev: 1  
Id: 3/5

TPS63000 Variable Output Voltage Regulator



TPS63000 Typical application schematic & global notes

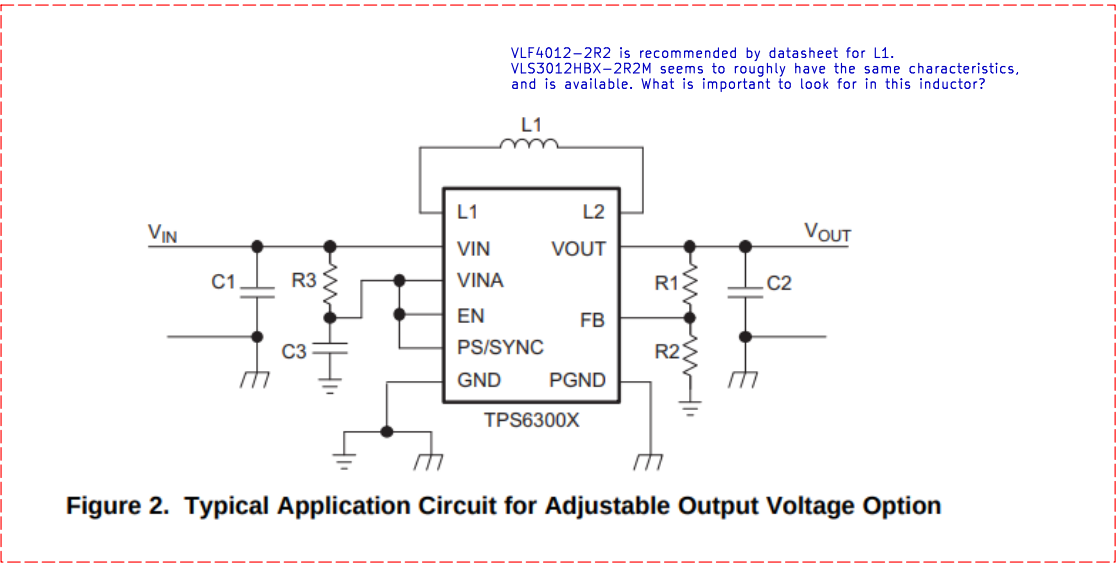
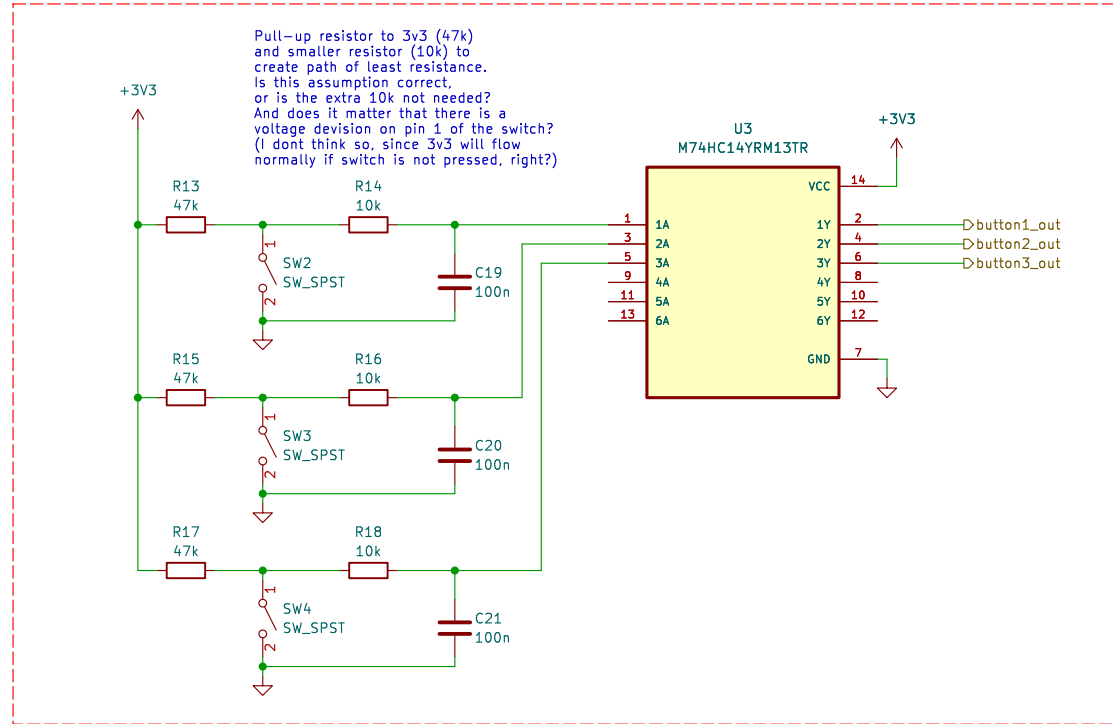


Figure 2. Typical Application Circuit for Adjustable Output Voltage Option

Sheet: /Voltage regulator 3v3/ File: Regulator3V3.kicad_sch		
Title: Shotclock Mainboard		
Size: A4	Date: 2023-06-28	Rev: 1
KiCad E.D.A. kicad 7.0.5-4d25ed1034-172-ubuntu22.04.1		Id: 4/5

## Schmitt trigger with buttons



Sheet: /Schmitt trigger and buttons/  
File: SchmittTriggerWithButtons.kicad\_sch

**Title: Shotclock Mainboard**

Size: A4 Date: 2023-06-28  
KiCad E.D.A. kicad 7.0.5-4d25ed1034-172-ubuntu22.04.1

Rev: 1  
Id: 5/5