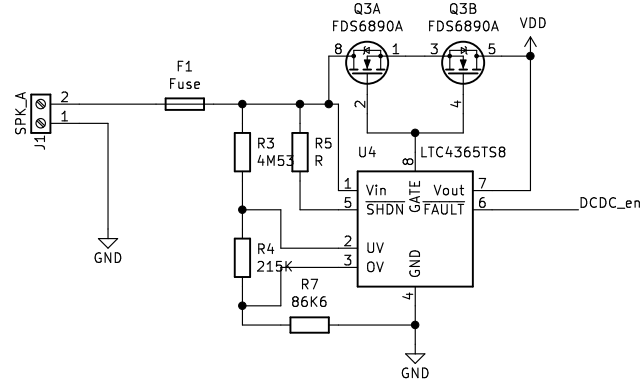
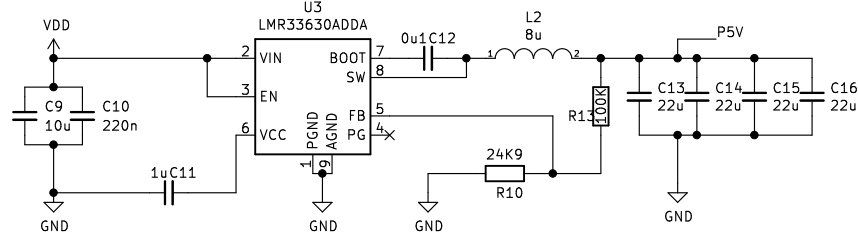


Input voltage protection

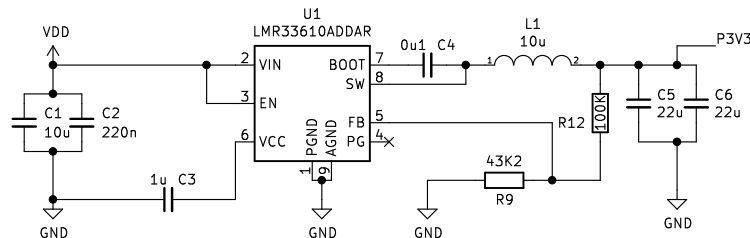
Configured to accept 8–28V



5V DCDC

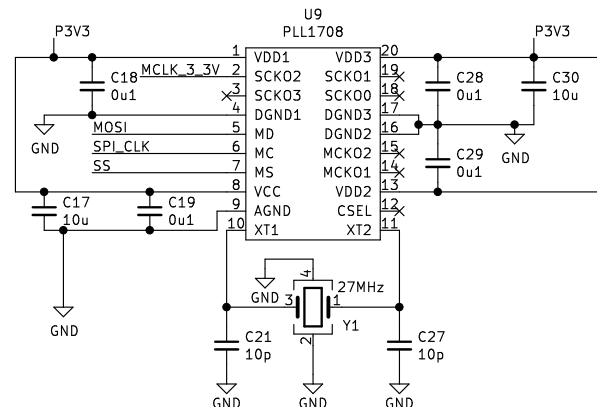


3V3 DCDC

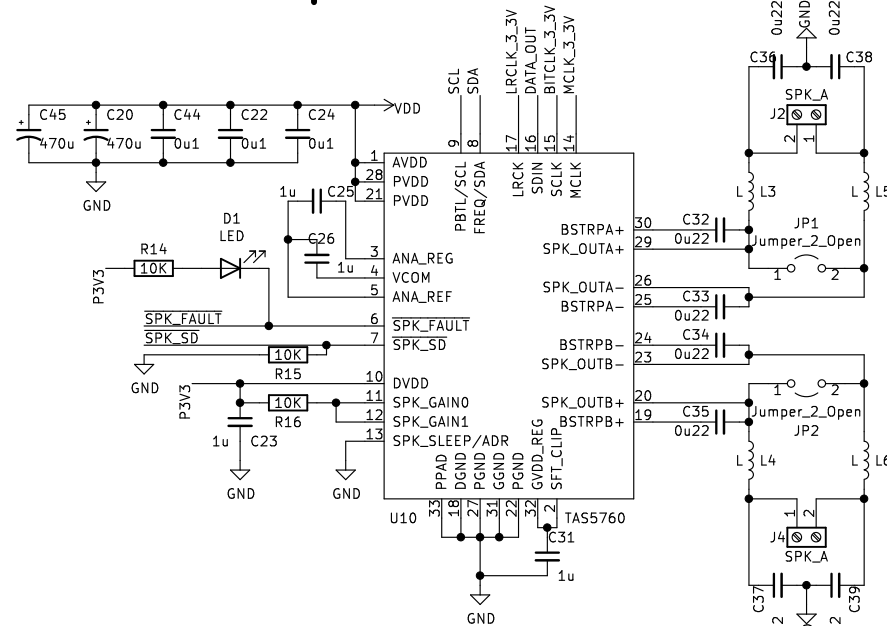


PLL1708 clock generator

Generates MCLK for TAS5760M

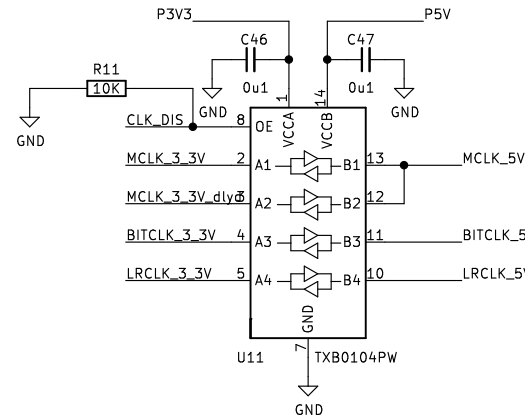


TAS5760M amplifier



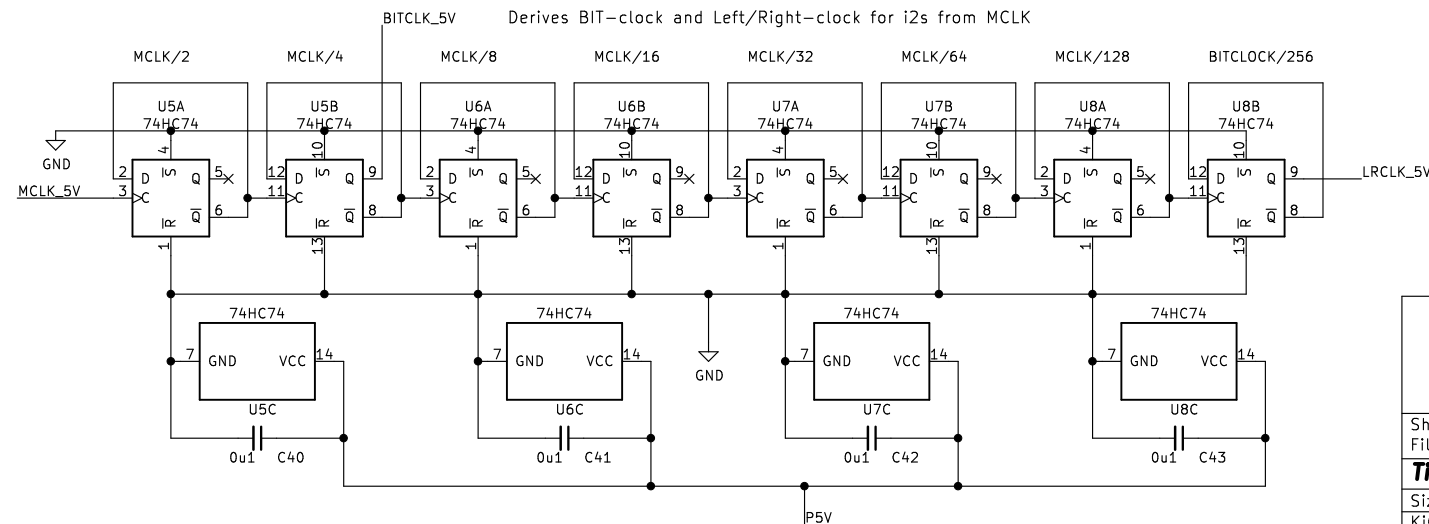
3V3/5V clock converter

Converts clock signals between 3V3/5V

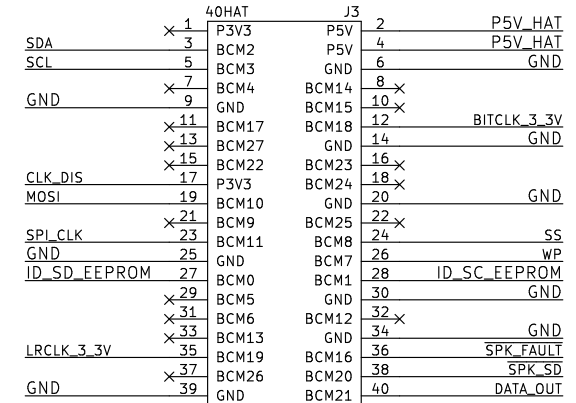


I2S clock divider

Derives BIT-clock and Left/Right-clock for i2s from MCLK

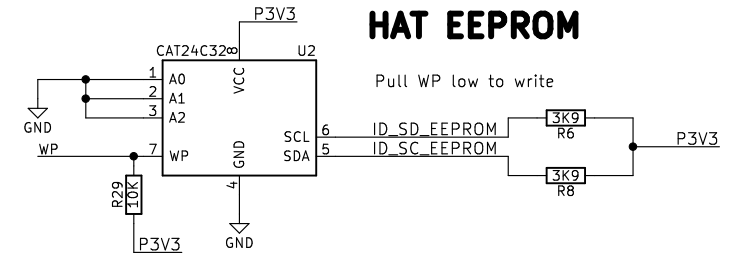


40-Pin HAT Connector



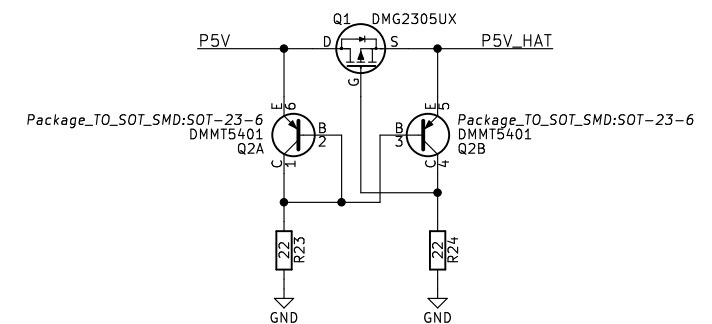
HAT EEPROM

Pull WP low to write

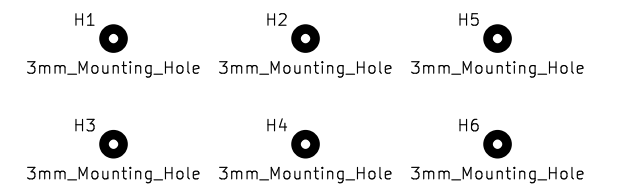


5V Powered HAT Protection

This is the recommended 5V rail protection for a HAT with power going to the Pi. See <https://github.com/raspberrypi/hats/blob/master/designguide.md#back-powering-the-pi-via-the-j8-gpio-header>



Mounting Holes



Sheet: /		
File: TAS5760_HAT.sch		
Title: Raspberry Pi HAT		
Size: A3	Date:	Rev: A
KiCad E.D.A. kicad (5.1.6)–1	Id: 1/1	