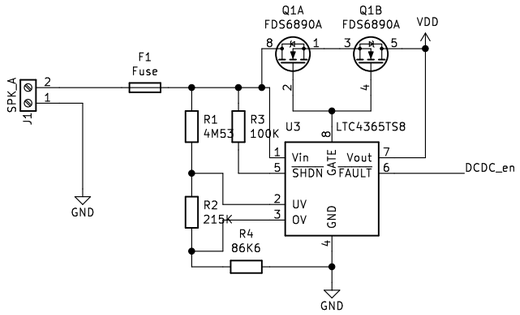
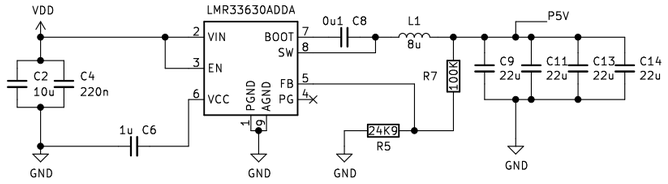
Input voltage protection

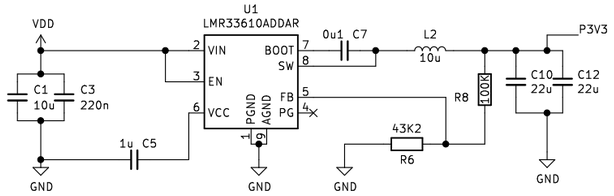
Configured to accept 8–28V



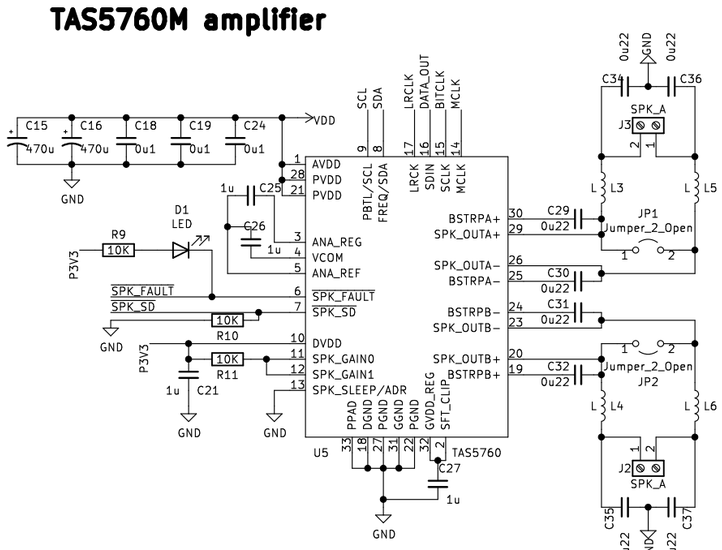
5V DCDC

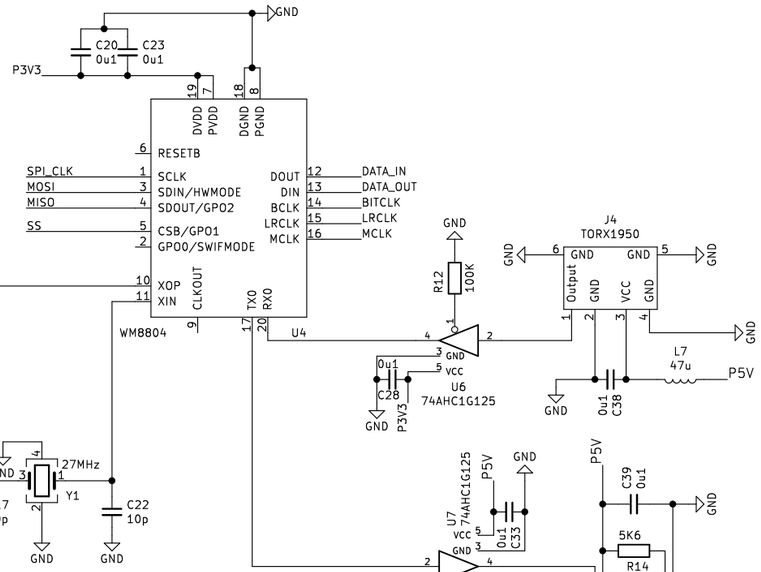


3V3 DCDC

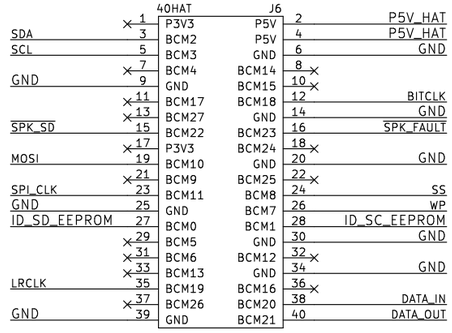


TAS5760M amplifier

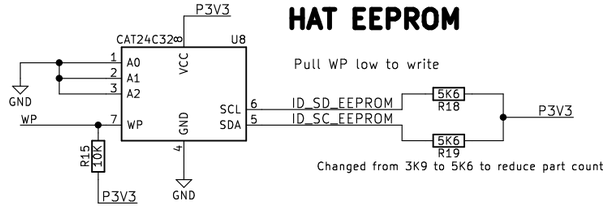




40-Pin HAT Connector

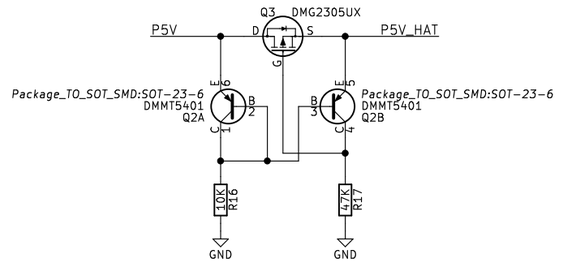


HAT EEPROM



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

H1 3mm_Mounting_Hole
H2 3mm_Mounting_Hole
H3 3mm_Mounting_Hole
H4 3mm_Mounting_Hole
H5 3mm_Mounting_Hole
H6 3mm_Mounting_Hole

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

This is based on the official Raspberry Pi spec to be able to call an extension board a HAT.
https://github.com/raspberrypi/hats/blob/master/designguide.md