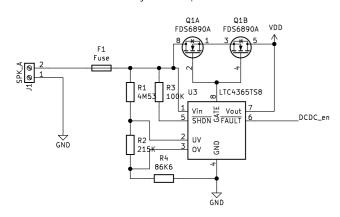
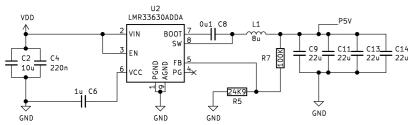


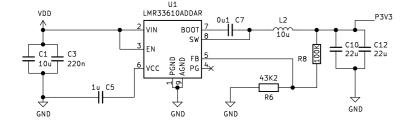
Configured to accept 8-28V



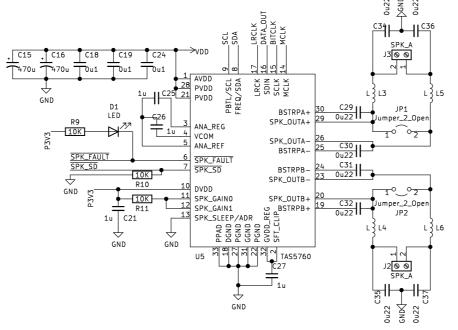
5V DCDC

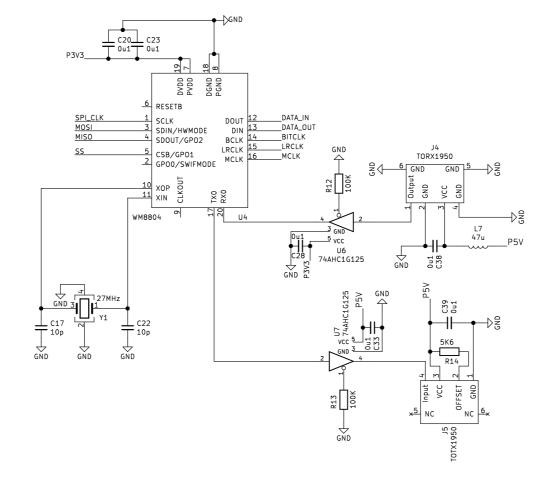


3V3 DCDC



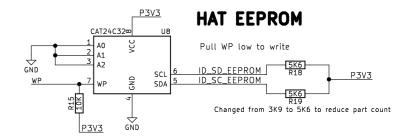
TAS5760M amplifier





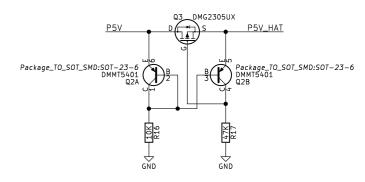
40-Pin HAT Connector

		40HAT	J6		DEV HAT
CDA	$\times \frac{1}{7}$	P3V3	P5V	2	<u>P5V_HAT</u> P5V_HAT
SDA	5	BCM2	P5V	4	GND
SCL		ВСМ3	GND	6	GND
CND	$\times \frac{7}{2}$	BCM4	BCM14	8 40	
GND	9	GND	BCM15	10 ×	
	×11 ×13	BCM17	BCM18	12	BITCLK
	× 13	BCM27	GND	14	GND
SPK_SD	^ 15	ВСМ22	BCM23	16	SPK_FAULT
	×17	P3V3	BCM24	18 ×	
MOSI	19	ВСМ10	GND	20	GND
	× 21	всм9	BCM25	22 ×	
SPI_CLK	23_	BCM11	ВСМ8	24	SS
GND	25	GND	BCM7	26	WP
<pre>ID_SD_EEPROM</pre>	27	ВСМО	BCM1	28	ID_SC_EEPROM
	× 29	BCM5	GND	30	GND
	€31	BCM6	BCM12	32 ×	
	€ 33	BCM13	GND	34 ^	GND
LRCLK	× 31 × 33 × 35	BCM19	BCM16	36 ×	
	× 37	BCM19		38 ^	DATA_IN
GND	39		BCM20	40	DATA_OUT
		GND	BCM21		37117 _ 0 0 1



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





3mm_Mounting_Hole 3mm_Mounting_Hole 3mm_Mounting_Hole

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