







Raspberry Pi B+ J8 Header					J2 Conn_02x20_0dd_Even			en 1	
		110.	NAME	Pin#			1 🗖	2	
Pin# 01	NAME 3.3v DC Power	00	DC Power 5v	02 02		4 [504]	3	4	Ĭ
	GPIO(2 (SDA1 , I2C)	00	DC Power 5v	04		1 SDA	5	6	
05	GPIO13 (SCL1 , I2C)	00	Ground	06		1 SCL	7		_
07	GPIO04 (GPIO_GCLK)	00	(TXD0) GPIO14	08		1 SELO	<del></del>	8	—⟨TX⟩ 1
09	Ground	00	(RXD0) GPIO15	10			9	10	RX 1
11	GPIO17 (GPIO_GEN0)	00	(GPIO_GEN1) GPIO18	12	1	GPI021	11	12	SEL1 1
13	GPIO27 (GPIO_GEN2)	00	Ground	14	1		13	14	SELI I
15	GPIO22 (GPIO_GEN3)	00	(GPIO_GEN4) GPIO23	16		1 A00	15	16,	•
17	3.3v DC Power	00	(GPIO_GEN5) GPIO24	18	1	. < GPI022			
19	GPIO10 (SPI_MOSI)	00	Ground	20			×17	18	
21	GPIO09 (SPI_MISO)	00	(GPIO_GEN6) GPIO25	22	1	. SPI_MO	19	20^	
23	GPIO11 (SPI_CLK)		(SPI_CE0_N) GPIO08	24			21	22 <sub>×</sub>	•
25	Ground	00	(SPI_CE1_N) GPIO07	26		1 SPI_MI	23	24×	
27 29	ID_SD (I2C ID EEPROM)  GPIQ15		(I2C ID EEPROM) ID_SC Ground	30	1	SPI_CLK			─〈SPI_CS 〉 1
31	GPIO16	00	Ground GPIO12	32			25	26	GPI027_ADC1
33	GPIO13	00	Ground	34			×27	28 <sub>×</sub>	
35	GPIO19	00	GPIO16	36		ADC_VREF	29	30^	
37	GPIO26	00	GPIO20	38	1		74	32	,
39	Ground	00	GPI021	40	1	⟨ GPI026_/	ADCD 77	34	─ <b>〈</b> GPI024 <b>】</b> 1
1	http://v	www.elemen	t14.com		1	⟨ GPI028_/			
2014							×35 ×37	36	GPI025 1
							37	38	
							39	40~	
		+3.3	3VP	+3.3	VP				
				+3.3	¥1:				
		1	\	<b>1</b>					
			_				$\leftarrow$	닌	7
		Γ	R6 10K	П	R5 10K		~	`	
					K2 TOK		GNDA	GN	

Sheet: / File: ADC_pHAT_/	AFE_ADC10080.kicad_sch					
Title: pHAT /	ADC					
Size: A2	Date: 2024-10-07		Rev: R 01			
KiCad E.D.A. 8.0.6						
4.0						