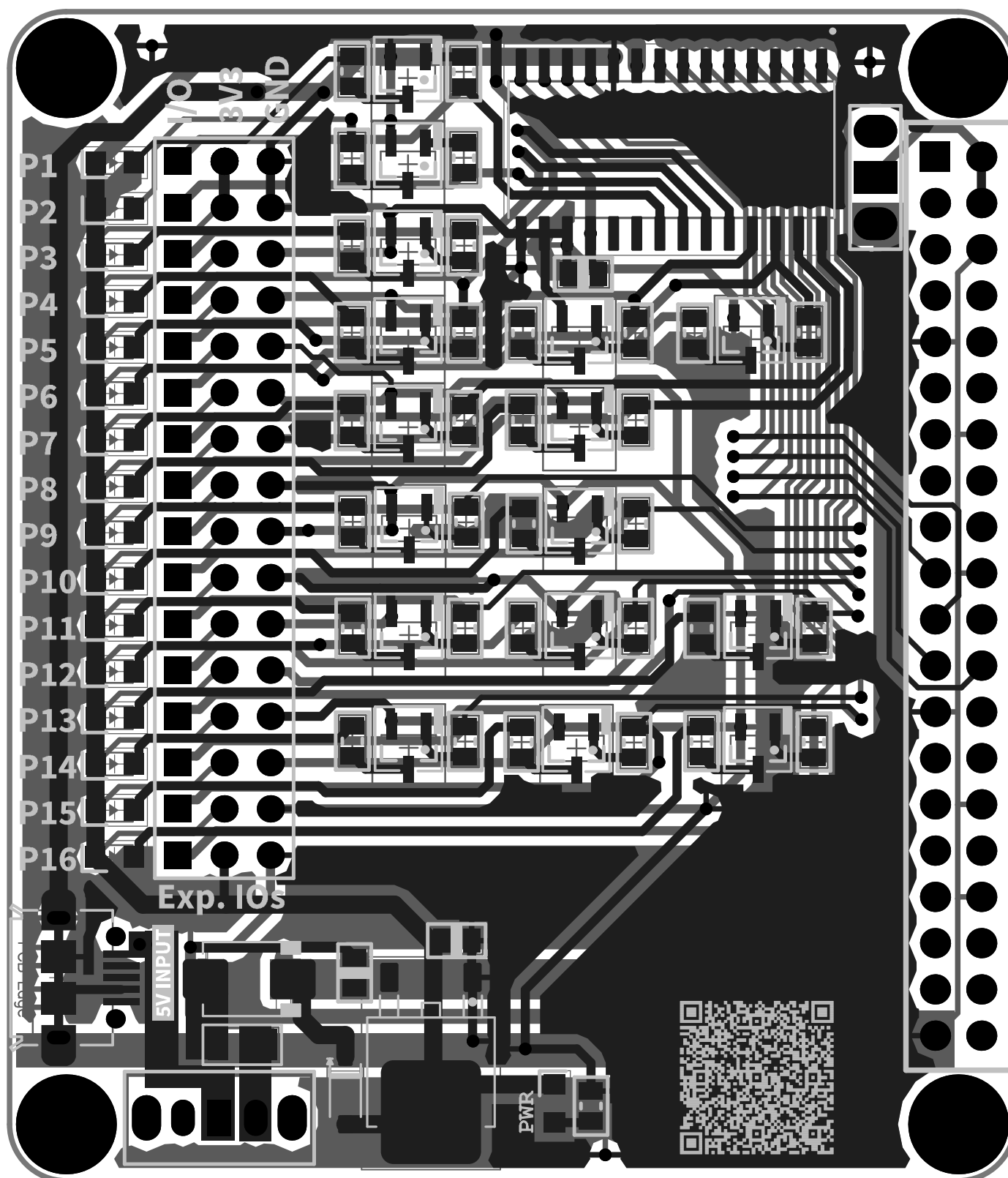


Title		
Size	Number	Revision
A4		
Date:	9/24/2021	Sheet of
File:	C:\Users\...\rpiHat_expansionIOs_page2	Download By:



Comment	Description	Designator	Footprint	LibRef	Quantity
10uF	Capacitor	C1	Capacitor0805	Capacitor General	1
100nF	Capacitor	C2, C3	Capacitor0805	Capacitor General	2
5822	Diode Schottky SMD 30V 2A DO-214AA	D1	DO-214AA	DIODE_SCHOTTKY_M BRS130L	1
1N4148	Diode SMD small signal 0.2A SOD-523F	D2	SOD123	DIODE_1N4148_200 mA_SOD523F	1
Blue, 3.2 V, 140 deg	SMT Mono-color Chip LED Waterclear WL- SMCW, size 0805, Blue, 3.2 V, 140 deg, 145 mcd	D3, D4, D5, D6, D7, D8, D9, D10, D11, D12, D13, D14, D15, D16, D17, D18, D19	WL-SMCW_0805	150080BS75000	17
3A	Fuse	F1	Fuse1206	Fuse SMD	1
USB 2.0 Type B Receptacle	USB 2.0 Type B, Receptacle, Vertical, THT	J1	629105150921	61400413321	1
Jumper	Jumper Selector	JP1	jumper selector	Jumper Selector	1
on/off key	on-off key	K1	on-off key - small	on/off key	1
Expansion Header 16	Header, 16-Pin	P1	Expansion-HDR3X16	Expansion Header 16	1
BC337	NPN Bipolar Transistor	Q1, Q2, Q3, Q4, Q5, Q6, Q7, Q8, Q9, Q10, Q11, Q12, Q13, Q14, Q15, Q16	SOT23_BEC_M	NPN	16
QR Code Info		QR1	qrCode Info	QR Code Info	1
33	Resistor	R1, R2, R3, R4, R5, R7, R8, R9, R18, R19, R20, R21, R22, R23, R24, R25	RES 0805 (2012X06L)	Resistor	16
47K	Resistor	R6	RES 0805 (2012X06L)	Resistor	1
3.3k	Resistor	R10, R11, R12, R13, R14, R15, R16, R17, R26, R27, R28, R29, R30, R31, R32, R33	RES 0805 (2012X06L)	Resistor	16
Raspberry_Pi_Zero_ W_(v1.3)	Integrated Circuit	RPi1	RASPBERRYPI Hat	Raspberry_Pi HAT	1
Adjustable	Voltage Regulator IC, DPAK SMD, LM317MBDTG	U1	TO-252	LM317MBDTG	1
MCP23S17-E/SO	I/O Expander 16 SPI 10MHz 28-SOIC	U2	SOIC127P1030X265- 28N	MCP23S17-E/SO	1