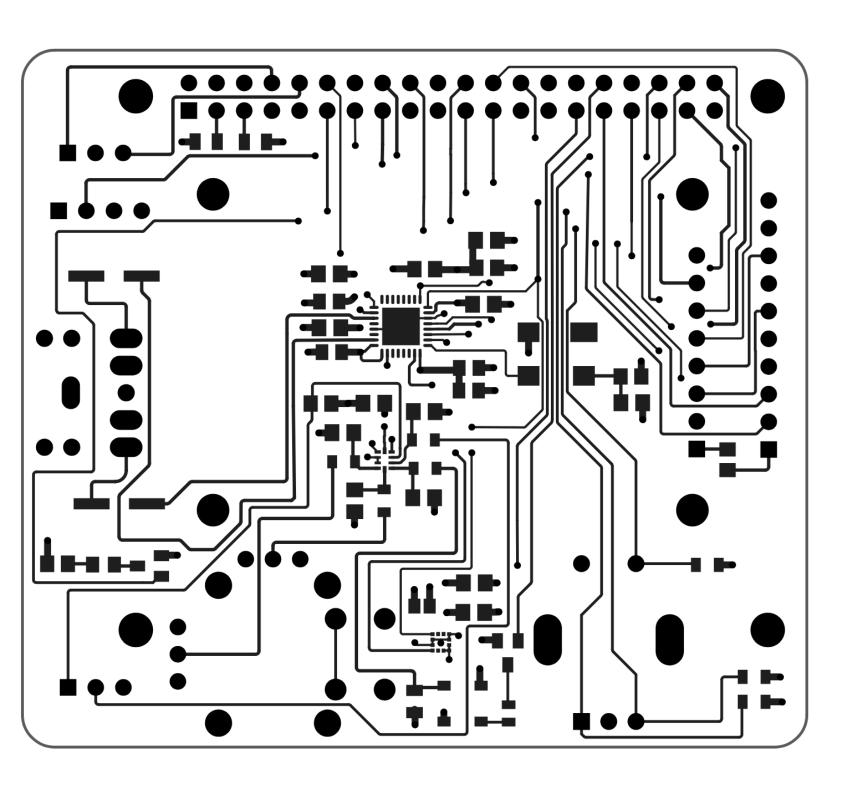
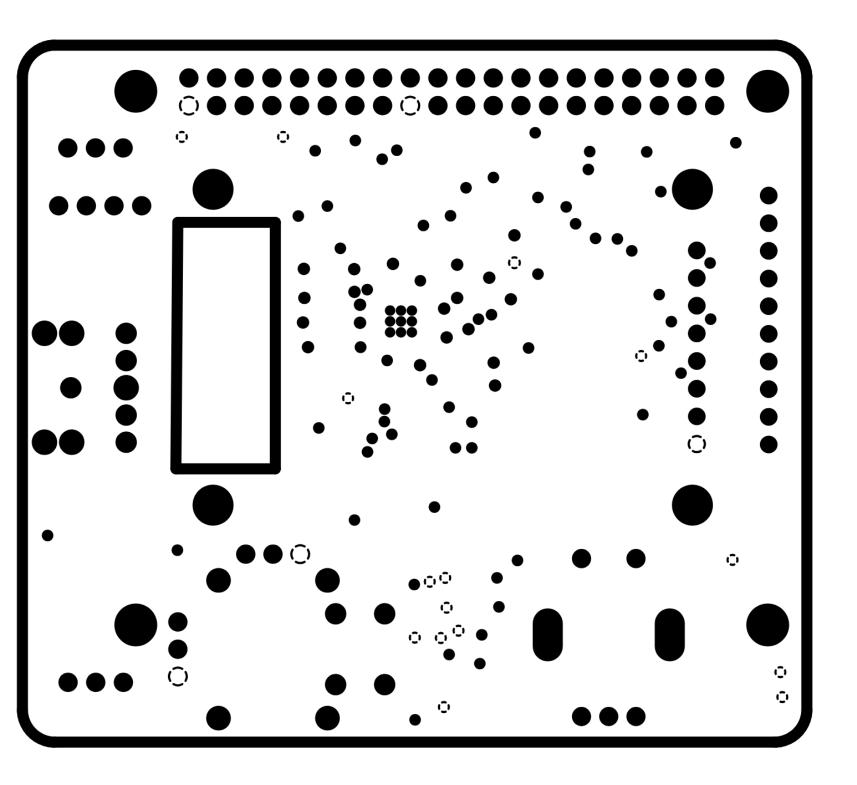
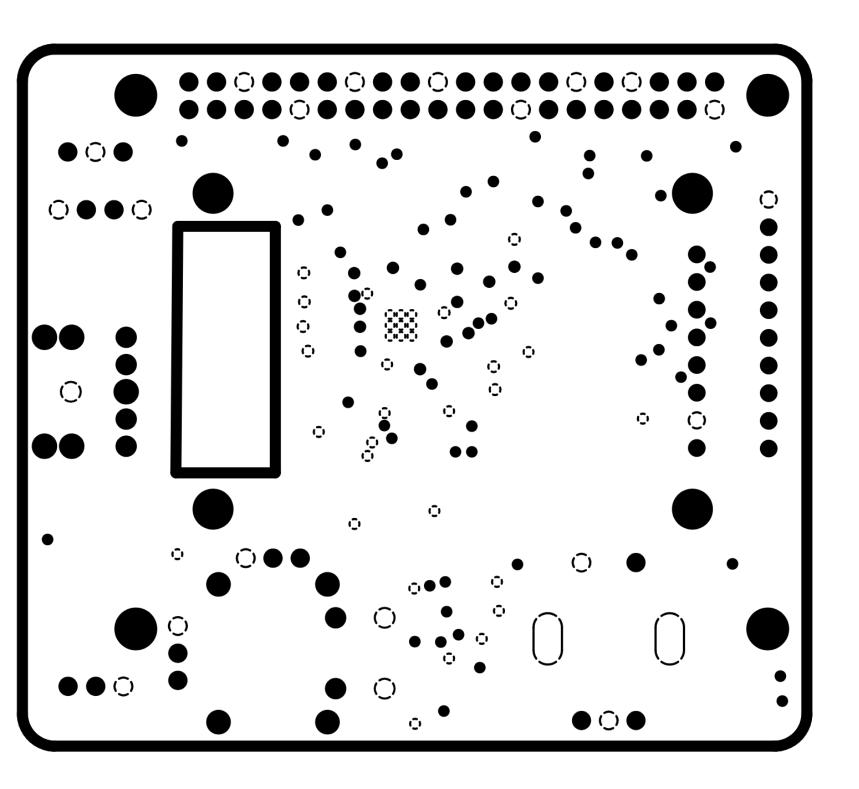
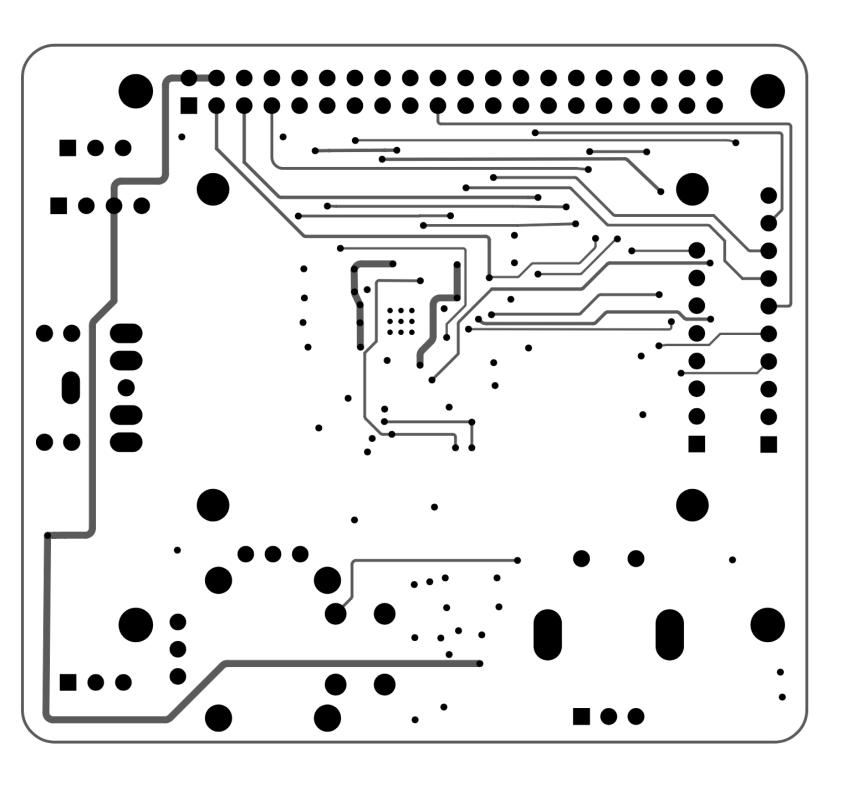


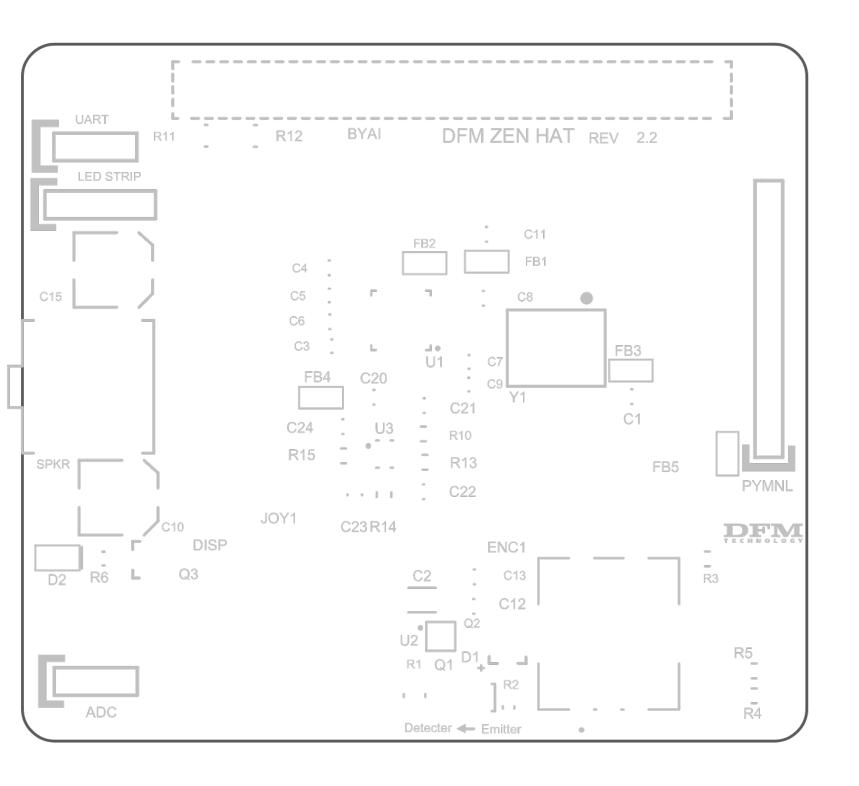
	А	В	С	D	E	F	
1	Bill Of Mate	oriale.					1
	Quantity	Supplier Part Number 1		Designator	Manufacturer Par Number 1	t	
	12	1276-1099-1-ND	C1 C4 C6 C8 C11	C12, C13, C20, C21, C22, C2		NC	
	5	587-1766-1-ND		FB2, FB3, FB4, FB5	FBMJ2125HM330		
	4	YAG3689CT-ND		0, R13, R14, R15	AC0805FR-07100F		
	4	1276-CL21B106KPQNNWECT-I		C3, C5, C7, C9			
	3	311-10KLGCT-ND		R3, R4, R5	CL21B106KPQNN\ AC0805FR-0710K		
	3	311-2.21KCRCT-ND		R1, R11, R12	RC0805FR-072K2		
	2	2N7002H6327XTSA2DKR-ND)	Q2, Q3	2N7002H6327XTS		
2	2	PCE3880CT-ND		C10, C15	EEE-1CA101WP		
2	2	2057-PH1-03-UA-ND		ADC, UART	PH1-03-UA		2
	1	ED8197-08-ND		DISP	821-22-008-10-000	101	
	1	754-2044-1-ND		D2	APTD2012LSURC		
	1	535-9309-1-ND		Y1	ASV-12.000MHZ-E-		
	1	1276-CL21B106KPQNNWECT-I	ND	C2	CL21B106KPQNN\		
	1	497-18226-1-ND		U2	IIS2DLPCTR		
	1	PEC12R-4220F-S0024-ND		ENC1	PEC12R-4220F-S00	024	
	1	2057-PH1-10-UA-ND		PYMNL	PH1-10-UA		
	1	S7037-ND		LED STRIP	PPPC041LFBN-R	С	
	1	S7123-ND		BYAI	PPPC202LFBN-R		
	1	311-1.00KCRCT-ND		R6	RC0805FR-071K		
	1	311-33.0CRCT-ND		R2	RC0805FR-0733F		
3	1	CP1-3525NG-GR-ND			SJ1-3525NG-GR	R	3
Ū	1	108-THB001P-ND		JOY1	THB001P		
	1	296-51661-1-ND		U3	TLA2024IRUGR		
	1	296-26818-1-ND		U1	TLV320AIC3104IRF	IBR	
	1	VEMT2523SLX01DKR-ND		Q1	VEMT2523SLX0		
	1	VSMY2853SLX01CT-ND		D1	VSMY2853SLX0		
4							4
	А	В	С	D	E	F	

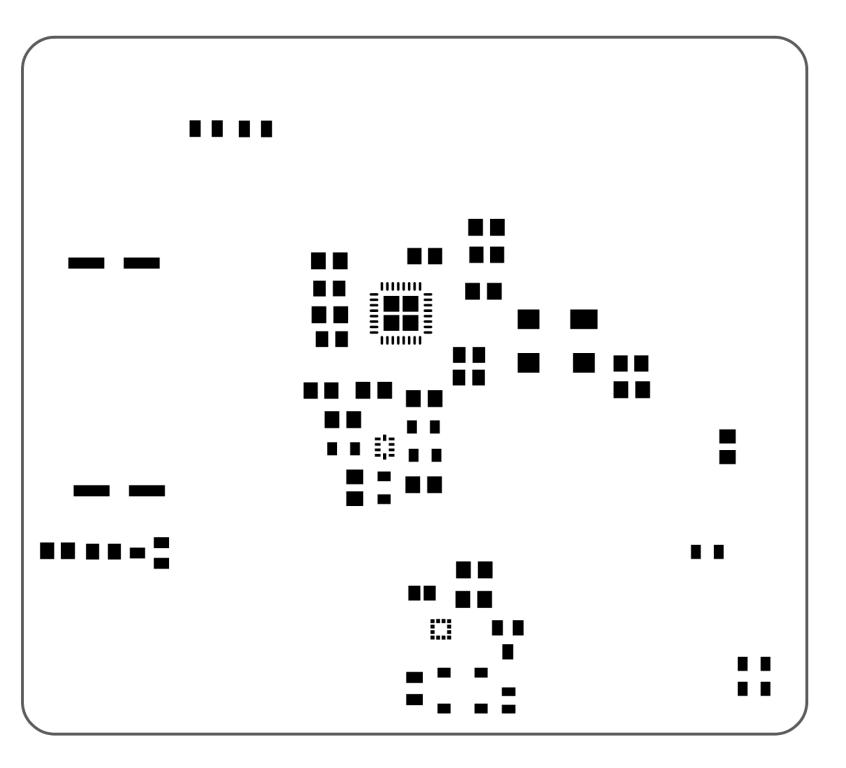


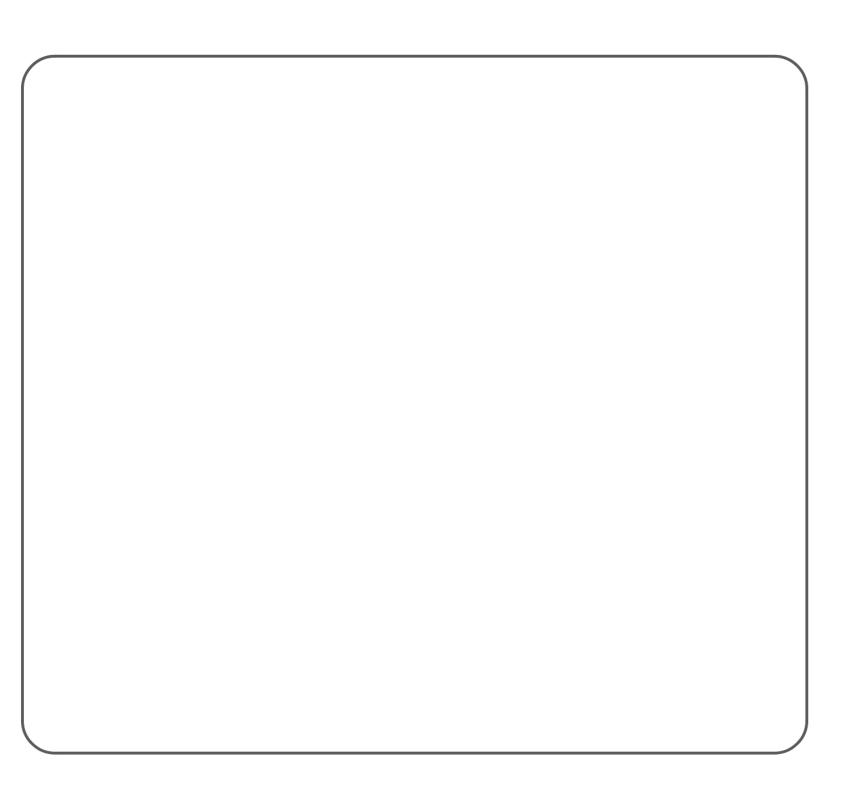


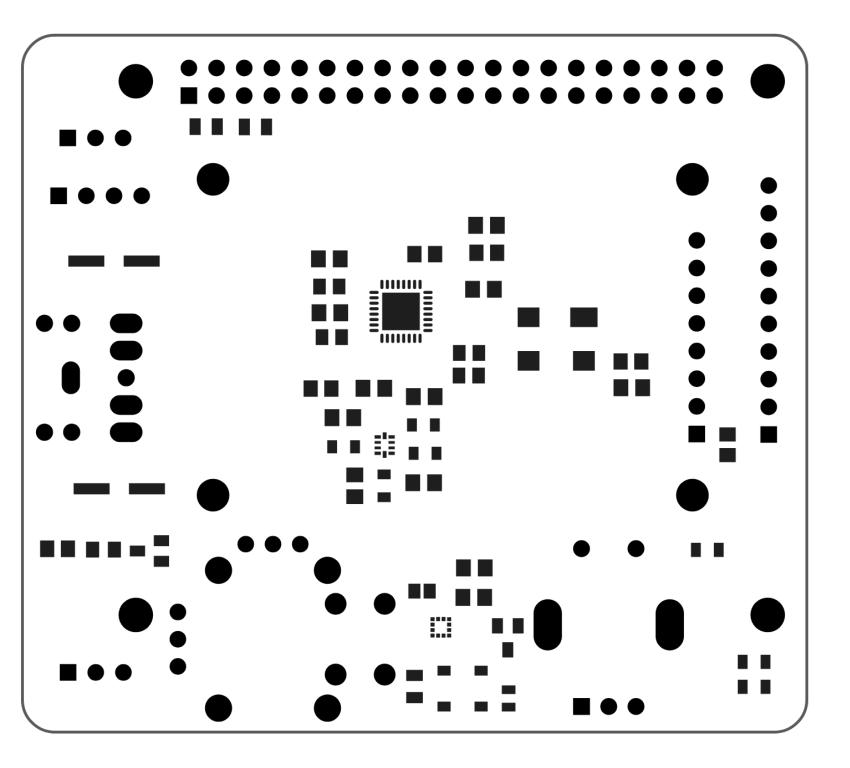


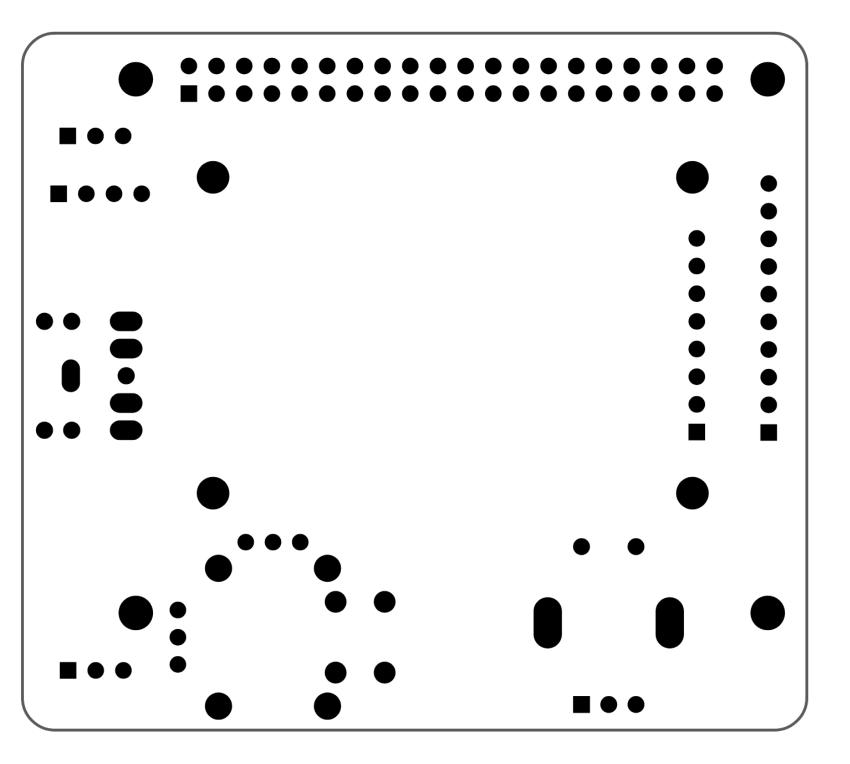












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Bill of Materials

Source Data From: ZEN HAt.BomDoc

Project: BYAI Hat V 2.0.PrjPcb

Variant: None Revison:

REV 2.2

Creation Date: 12:55 PM

Print Date: 12:55:45 PM

Quantity	Supplier Part Number 1	Designator	Manufacturer Part Number 1	Manufacturer 1	Description
	12 1276-1099-1-ND	C1, C4, C6, C8, C11, C12, C13, C20,	CL21B104KACNNNC	Samsung	CAP 100nF 25V ±5% 08
	5 587-1766-1-ND	FB1, FB2, FB3, FB4, FB5	FBMJ2125HM330-T	Taiyo Yuden	FB0805
	4 1276-CL21B106KPQNNWECT-ND	C3, C5, C7, C9	CL21B106KPQNNWE	Samsung	CAP 10uF 10V ±10% 08
	4 YAG3689CT-ND	R10, R13, R14, R15	AC0805FR-07100RL	Yageo	Res Thick Film 0805 100
	3 311-2.21KCRCT-ND	R1, R11, R12	RC0805FR-072K21L	Yageo	R0805
	3 311-10KLGCT-ND	R3, R4, R5	AC0805FR-0710KL	Yageo	RES 10K OHM 1% 1/8V
	2 2057-PH1-03-UA-ND	ADC, UART	PH1-03-UA	Adam Equipment	1X3 MALE HEADER ST
	2 PCE3880CT-ND	C10, C15	EEE-1CA101WP	Panasonic	SMT_CE_D
	2 2N7002H6327XTSA2DKR-ND	Q2, Q3	2N7002H6327XTSA2	Infineon	2N7002
	1 S7123-ND	BYAI	PPPC202LFBN-RC	Sullins	
	1 1276-CL21B106KPQNNWECT-ND	C2	CL21B106KPQNNWE	Samsung	CAP CER 10UF 10V X7
	1 VSMY2853SLX01CT-ND	D1	VSMY2853SLX01	Vishay Semiconductors	VSMY2853SLX01 High S
	1 604-APTD2012LSURCK	D2	APTD2012LSURCK	Kingbright	LED0805
	1 ED8197-08-ND	DISP	821-22-008-10-000101	Mill-Max	240×240, General 1.54in
	1 PEC12R-4220F-S0024-ND	ENC1	PEC12R-4220F-S0024	Bourns	ROTARY ENCODER ME
	1 108-THB001P-ND	JOY1	THB001P	ITT C&K	Analog JoyStick THB003
	1 S7037-ND	LED STRIP	PPPC041LFBN-RC	Sullins	1X4 Female Heater Strip
	1 737-PH1-10-UA	PYMNL	PH1-10-UA	Adam Equipment	1X10MHS
	1 VEMT2523SLX01DKR-ND	Q1	VEMT2523SLX01	Vishay Semiconductors	Phototransistors 850nm
	1 311-33.0CRCT-ND	R2	RC0805FR-0733RL	Yageo	Chip Resistor, 33 Ohm,
	1 311-1.00KCRCT-ND	R6	RC0805FR-071KL	Yageo	Chip Resistor, 1 KOhm,
	1 CP1-3525NG-GR-ND	SPKR	SJ1-3525NG-GR	CUI Devices	
	1 296-26818-1-ND	U1	TLV320AIC3104IRHBR	Texas Instruments	Low-Power Stereo CODI
	1 497-18226-1-ND	U2	IIS2DLPCTR	STMicroelectronics	ACCEL 2-16G I2C/SPI 1
	1 595-TLA2024IRUGR	U3	TLA2024IRUGR	Texas Instruments	IC ADC 12BIT SIGMA-D
	1 535-9309-1-ND	Y1	ASV-12.000MHZ-E-J-T	Abracon	

Approved	Notes

