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C1, C2, C4, C20,	Ceramic Capacitor (Surface Mount)	Murata Electronics North	GCM155R71C104K A55D	490-4759-1-ND				0.1uF	0402	0.1uF
C21, C27, C64, C65		America	A55D	430-4131-1-410				0.101		0.10
C3	Ceramic Capacitor (Surface Mount)	Yageo	RC0402JR-070RL	311-0.0JRCT-ND			1	2.2uF	0402	2.2uF
C5, C22, C25, R4,	Ceramic Capacito									
R7, R10, R25, R60, R68, R69, R70	(Surface Mount), Chip Resistor (Surface Mount)	Yageo	RC0402JR-070RL	311-0.0JRCT-ND			11	0	0402	0
C6, C26	Ceramic Capacitor	Murata Electronics	GCM155R71H102K A37D	490-4761-1-ND			2	InF	0402	1nF
	(
C7, C28	Ceramic Capacito (Surface Mount)	AVX Corporation	04025C202IAT2A	478-10122-1-ND			2	2nF	0402	2nF
C23, C63, C66	Ceramic Capacitor (Surface Mount)	Murata Electronics	GRM155R61A475 MEAAD	490-14306-1-ND			3	4.7uF	0402	4.7uF
	Ceramic Capacito		CC0402JRNPO9BN							
C24	(Surface Mount)	Yageo	101	311-1024-1-ND			1	100pF	0402	100pF
C29, C30	Ceramic Capacitor (Surface Mount)	Yageo	RC0402JR-070RL	311-0.0JRCT-ND			2	Tuf	0402	1uF
	CAP CER TUF TOV	Murata	GCM155C71A105K	490-13409-1-ND				TuF	0402	1uF
C40, C42	X7S 0402 CAP CER 2.2UF	Electronics North America Murata	E38D GRM155R61A225K							TuF
C41, C43	10V X7S 0402	Electronics North America	E95D	490-10451-1-ND			-	TuF	0402	TUF-
C44	Ceramic Capacitor (Surface Mount)	Generic Ceramic Chip Cap (TBD)					1	10mF	CAPPRD500W60D 1000H3200	Cap
C50. C51	Ceramic Capacito	Generic Ceramic						0.1uF	0402	Сар
230, 031	(Surface Mount)	Chip Cap (TBD)						U. IUF	0402	Сар
C60, C61, C62	Ceramic Capacitor (Surface Mount)	Murata Electronics	GRM31CR60J227M E11L	490-13970-1-ND			3	220uF	1206	220uF
C67	Ceramic Capacito	Murata	GRM155R61A475	490-14306-1-ND			,	0.01uF	0402	0.01uF
	(Surface Mount)	Electronics	MEAAD	recolo-t-ND		-	<u> </u>	- Jrean		
C68	Ceramic Capacitor (Surface Mount)	Murata Electronics	GRM188R61A226 ME15D	490-10476-1-ND			1	22uF	0402	22uF
C69	Ceramic Capacitor	Murata	GRM188R61A226	490-10476-1-ND			,	DNP	0402	DNP
	(Surface Mount)	Electronics	ME15D		-	-	<u> </u>		-	
C70	Ceramic Capacitor (Surface Mount)	Murata Electronics	GRM21BR60J107M E15L	490-13981-1-ND			1	100uF	0905	100uF
C71, C72	Ceramic Capacitor	Generic Ceramic					2	TuF	0402	Сар
160	(Surface Mount) Inductor (Surface	Chip Cap (TBD) Coil Craft	LPS4018-223MRB							Ind LPS4018
L60 L61	Mount) Inductor (Surface	Murata	1239AS-H-	490-10563-1-ND		 	<u>'</u>	22uH 10uH	LPS4018 IND1008	Ind_LPS4018 10uH
LDI	Mount) MEMS	Electronics	100M-P2	490-10563-1-ND			'	NUM	1008	IUUH
MK1, MK20	Microphone Omni-Directional 700 Ohm -38dBV 1.8V Rectangular	Vesper Technologies Inc.	VM1010	2022-1001-1-ND			2		MIC_PMM-3738- VM1010-R	PMM-3738- VM1010-R
P1, P2, P20, P21 P40, P41	Solder Pad T/R Header, 5-Pin Header, 8-Pin						4		HDR1X5	Header 5 Header 8
P50, P51	Header, 6-Pin						2		HDR1X6 HDR1X3	Header 6
P60 P61	Header, 3-Pin Header, 4-Pin Chip Resistor	Generic Chip Res					- 1		HDR1X4	Header 3 Header 4
R1	(Surface Mount) Chip Resistor	(TBD) Generic Chip Res					1	0	0402	0
R2, R51	(Surface Mount) Chip Resistor	(TBD)					2	DNP	0402	Res
R3, R5, R9	(Surface Mount) Chip Resistor	Yageo	RC0402JR-070RL	311-0.0JRCT-ND			3	DNP	0402	DNP
R6	(Surface Mount) Chip Resistor	Yageo	RC0402/R-070RL RC0402FR-	311-0.0JRCT-ND 311-26.1KLRCT-			1	2.2k	0402	2.2k
RB, R26 R11, R14, R22,	(Surface Mount)	Yageo	0726K1L	ND			2	26.1k	0402	26.1k
R23, R24, R27, R31, R34	Chip Resistor (Surface Mount)	Yageo	RC0402FR-071ML	311-1.00MLRCT- ND			8	DNP	0402	DNP
R12, R13, R32, R33	Chip Resistor (Surface Mount)	Yageo	RT0402BRD0722KL	YAG4210CT-ND			4	22k	0402	22k
R20, R21, R30	Chip Resistor (Surface Mount)	Yageo	RC0402FR-071ML	311-1.00MLRCT- ND			3	0	0402	0
R28	Chip Resistor (Surface Mount)	Yageo	RC0402FR-071KL	311-1.00KLRCT- ND			1	1k	0402	1k
R29	Chip Resistor (Surface Mount)	Yageo	RC0402FR-0775KL	311-75KLRCT-ND			1	75k	0402	75k
R50	Chip Resistor	Generic Chip Res (TBD)					1	0	0402	Res
R61	(Surface Mount) Chip Resistor (Surface Mount)	Yageo	RC0402FR-073M3L	311-3.30MLRCT- ND			1	2.94M	0402	2.94M
R62	Chip Resistor	Vishay Dale	CRCW04026M80J	541-6.8MUCT-ND			1	6.8M	0402	6.8M
R63, R65	(Surface Mount) Chip Resistor	Vishay Dale	NED CRCW04025M49F	541-5.49MLCT-ND			2	5.49M	0402	5.49M
R64	(Surface Mount) Chip Resistor (Surface Mount)	Vishay Dale	KED CRCW04026M80J	541-6.8MUCT-ND			1	6.81M	0402	6.81M
R66	(Surface Mount) Chip Resistor	Vishay Dale	NED CRCW04024M22F	541-4.22MLCT-ND			1	4.53M	0402	4.53M
R67	(Surface Mount) Chip Resistor	Vishay Dale	KED CRCW04025M49F	541-5.49MLCT-ND		1	1	6.04M	0402	6.04M
	(Surface Mount) Analog input		KED		 	 	<u> </u>			
un	microphone preamplifier for 3 wire electret microphones Operational						1		BGA4C2X2X50P_1 17X117X42	LMV1032URX- 25/NOPB
U2, U21	amplifier; 1.8Ā-5.5VDC; Channels: 1; SC70 6	Maxim	MAX9911EXT+T		Digi-Key	MAX9911EXT+TCT- ND	2		MAX9911EXT	MAX9911EXT
U20	Audio Amp Microphone 1-CH Mono Class-AB 5- Pin SC70	Maxim Integrated	MAX4466EXX+T		Digi-Key	MAX4466EXX+CT- ND	1		SOT65P210X110- SN	MAX4466EXK
UZ2	IC REGLINEAR 1.8V 200MA SOT23-5						1		S0123-5	TPS7A0225PDE
U40	Linear Voltage Regulator IC Positive Fixed 1 Output 150mA	Texas Instruments	TPS70618DBVR	296-47896-1-ND			1		TI-DDC5_M	TPS70618
U41	SOT-23-5 Linear Voltage Regulator IC Positive Fixed 1 Output 150mA	Texas Instruments	TPS70628DBVR	296-50141-1-ND			1		TI-DDC5_M	TPS70628
	SOT-23-5 Himax Camera		 			 			FCI_SFV24R-	
	Connector Analog Devices	Amphenol FCI	SFV24R-1STE1HLF		Digi-Key	609-4320-1-ND	1		ZSTE1LF	SFV24R-1STE1F
U42	- amay Devices	1					1		ADXL362	ADXL362
U42 U50	low power									
	accelerometer nano power						1	i		l
	accelerometer nano power boost charger and buck converter for energy harvester powered	Texas Instruments	BQ25570RGRT	296-37014-1-ND	Digi-Key	296-37014-1-ND	,		BQ25570	BQ25570
J50 J60	accelerometer nano power boost charger and buck converter for energy harvester powered applications Mosfet Array 2 P- Channel (Dual) 2018 30 mA 446 mM Surface	Texas Instruments	BQ25570RGRT	296-37014-1-ND	Digl-Key	296-37014-1-ND	1		BQ25570 SOT50P160X60-6N	
350	accelerometer nano power boost charger and buck converter for energy harvester powered applications Mosfet Array 2P- Channel (Dual) 20V 830mA	Texas Instruments	BO255 70RGRT	296-37014-1-ND	Digi-Key	296-37014-1-ND	1			