Colloquial Part name	Sub-spec	Actual Part name	Part number (Site)	Part number (manufacturer	Quantity of part	Price per part	Total price LINK	In posession
Slider	N/A		858-PS60M-0MC1BR100K		10			In Order Qeue
Header Connector	N/A	Headers & Wire Ho	424-2X6-PIN-HEADER	240-062	3	\$2.99	9 \$8.97 https://www.mouser.com/ProductDetail/Digitent/240-062/gs=s%2FdyVPQMB4zHQ1ZSIfSI4A%3D%3D	Ordered
Rotating Potentiometer	N/A		858-P160KN24QC20B10K	P160KN2-4QC20B10K				Unordered - Planned
On-amp	N/A	Operational Amplific		NE5532PE4	10			Chordered Training
Op-amp seat	N/A		575-11041308410010	110-41-308-41-001000	14			
Resistors 1	10kOhm		652-CHP0603AFX1002EL		50			
Resistors 2	100kOhm		652-CMP0603AFX-1002EL	CMP0603AFX-1002ELF	28			
Resistors 3	1MOhm			CMP0603AFX-1003ELF	50			
			652-CMP0603AFX-1004L				11	
Band 10 (16000Hz) - Cap A			80-C0603C331JCTAUTO		3			
Band 10 (16000Hz) - Cap B			80-C0603C330K5RAUTO		3			
Band 9 (8000Hz) - Cap A			80-C0603X681K2RACTU	C0603X681K2RACTU	3			
Band 9 (8000Hz) - Cap B			80-C0603C680J2GAUTO		3			
Band 8 (4000Hz) - Cap A			581-06035C132JAT2A	06035C132JAT2A	3	<b>\$0.20</b>		
Band 8 (4000Hz) - Cap B	Calcval:0.0001378	MLCC (multilayer o	80-C0603C131F5G	C0603C131F5GACTU	3	\$1.05		
Band 7 (2000Hz) - Cap A	Calcval:0.0027566	MLCC (multilayer o	80-C0603C302G8HAUTO	C0603C302G8HACAUTO	3	\$0.23	\$0.69 https://www.mouser.com/ProductDetail/IKEMET/C0603C302G8HACAUTO?qs=j%252B1pj9TdxUZU28hy7xiHNQ%3D%3D	
Band 7 (2000Hz) - Cap B	Calcval:0.0002756	MLCC (multilayer o	581-06035A301J	06035A301JAT2A	3	\$0.12	2 \$0.36 https://www.mouser.com/ProductDetait/KYOCERA-AVX/06035A301JAT2A?qs=yuhjMS%2FIYxaxlB6c%2FTItcA%3D%3D	
Band 6 (1000Hz) - Cap A	Calcval:0.0055133	MLCC (multilayer c	80-C0603C562K2RACTU	C0603C562K2RACTU	3	\$0.38	8 \$1.14 https://www.mouser.com/ProductDetail/KEMET/C0603C562K2RACTU?qs=qt1LBUVvoHiQ4DiKZUh%252BmQ%3D%3D	
Band 6 (1000Hz) - Cap B			80-C0603C561F4GAUTO		3			
Band 5 (500Hz) - Cap A			80-C0603C103K2REAUTO					
Band 5 (500Hz) - Cap B			80-C0603C112J5G	C0603C112J5GACTU				
Band 4 (250Hz) - Cap A			581-06036C223KAT2A	06036C223KAT2A	3			
Band 4 (250Hz) - Cap B			80-C0603C222JATAUTO	C0603C222.IATACALITO	3			
Band 3 (125Hz) - Cap A			581-0603ZC393KAT2A	06037C393KAT2A	3			
Band 3 (125Hz) - Cap B			81-GRM1887U1H432JA1D		3	*****		
Band 2 (62.5Hz) - Cap A			80-C0603C823J3R	C0603C823J3RACTU	3	\$0.54		
Band 2 (62.5Hz) - Cap B			80-C0603C822J3GAUTO	C0603C822J3GACAUTO	3			
Band 1 (31.25Hz) - Cap A			80-C0603C184J3RACTU	C0603C184J3RACTU	3			
Band 1 (31.25Hz) - Cap B	Calcval:0.018u; U:	MLCC (multilayer o	80-C0603C183K5R	C0603C183K5RACTU	3	\$0.17	7 \$0.51 https://www.mouser.com/ProductDetail/KEMET/C0803C183K5RACTU?qs=cQbOuJC0LHodGPJOr0xsDq%3D%3D	
Purchase Designator	Date	Part	Quantity	Price Per	Total	LINK		
Purchase 1 - Sliders		3 S60M-0MC1BR100	quantity 10	\$1.85			puser.com/ProductDetail/BI-Technologies-TT-Electronics/PS60M-0MC1BR100K7gs=cpo3%2FpBou2ab5hHMDd8PJQ%3D%3D	
Purchase 1 - Headers	3/14/2023		3	\$2.99			nuser.com/ProductDetail/District-40-06270s=%2Edv/POMB42HQ172SISI4A%3D%3D	
Purchase 1 - Rotating Pots		3 160KN2-4QC20B10	2	\$1.26			user.com/PoducDetail@Finanuz=vooz.tgs=sist vyv. Giminat of Extraord National State (1997)  user.com/PoducDetail@Finanuz=vooz.tgs=sist v	
-		310-41-308-41-00100	3				nser.com/productDetail/Mill wit10-41-308-41-010002798-10-000-000-000-000-000-000-000-000-000	
Purchase 1 - Single Op Seat			10	\$0.90				
Purchase 1 - Single Band Resistors 1		3 CHP0603AFX-1002		\$0.37			user.com/ProductDetail/Bourns/CHP0603AFX-1002ELF2qs=B.llw7L4Cy7%252Bn%2FM7sjC7LSA%3D%3D	
Purchase 1 - Single Band Resistors 2		3 CMP0603AFX-100	10	\$0.24 \$0.21			user.com/ProductDetail/Bourns/CMP0603AFX-1003ELF?qs=TiOZkKH1s2RGXvSYscaeJQ%3D%3D	
Purchase 1 - Single Band Resistors 3		3 CMP0603AFX-100-	10	90.L1	\$2.12	https://www.mou	puser.com/ProductDetail/Bourns/CMP0603AFX-1004ELF?qs=TiOZkKH1s2R2VBWJciuWQA%3D%3D	
Purchase 1 - Band 5 (500Hz) - Cap A	3/14/2023							
Purchase 1 - =Band 5 (500Hz) - Cap B		3 C0603C103K2REC	3	\$0.23			user.com/ProductDetail/KEMET/C0803C103K2RECAUTO?qs=Mv7RduZupLlijYcbxQef39w%3D%3D	
	3/14/2023	3 C0603C103K2REC 3:0603C112J5GACTI	3	\$0.23 \$0.43			user.com/ProductDetail/KEMET/C0603C103K2RECAUTO?qs=Mv7BduZupLijiyCbxQef39x%3D%3D user.com/ProductDetail/KEMET/C0603C112J6GACTU2qs=QQDvQqP%2FpyiQ8XLH08PI4Q%3D%3D	
		3:0603C112J5GACT	3	\$0.43	\$1.29	https://www.mou	user.com/ProductDetail/KEMET/C0803C112J5GACTU2qs=QQDvQqP%2Fpy/Q8XLH08PHQ%3D%3D	
Purchase 2 - Op-amp seat	N/A	IC & Component Sc	3 575-11041308410010	\$0.43 110-41-308-41-001000	\$1.29	https://www.mou \$0.72	user.com/ProductDetail/KEMET/C0803C112.#SGACTUZes=OQDxOqP%2Epyi08XLH08PHQ%3D%3D 2 \$7.16 https://www.mouser.com/ProductDetail/Mill-Max/110-41-308-41-0010002as=dvxxXV/M4mZVj1CY1TeP.uww%3D%3D	
Purchase 2 - Resistors 1	N/A 10kOhm	IC & Component So	3 575-11041308410010 652-CHP0603AFX1002EL	\$0.43	\$1.29 10 50	\$0.72 \$0.37	user com/ProductDetail/KEMET/C0603C112JSGACTU7qs=QQDyQpM2EpyiQ8XLH08PHQ/%3D%3D           2         \$7.16         https://www.mouser.com/ProductDetail/Mill-Max/110-41-308-41-0010007qs=dvxwXVMAm2V/1CY1TePuwx/%3D%3D           7         \$18.00         https://www.mouser.com/ProductDetail/Bourns/CHP0003AFX-100ZELF7qs=Bl/w7L4Cy7%252Bn%2FM7sGCTLSA%3D%3D	
Purchase 2 - Resistors 1 Purchase 2 - Resistors 2	N/A 10kOhm 100kOhm	IC & Component So Thick Film Resistor Thick Film Resistor	3 575-11041308410010 652-CHP0603AFX1002EL 652-CMP0603AFX-1003L	\$0.43 110-41-308-41-001000 CHP0603AFX-1002ELF CMP0603AFX-1003ELF	\$1.29	\$0.72 \$0.37	puser.com/ProductDetail/KEMET/C0603C112J5GACTU2qs=OQDyOqP%2Epy(08XLH08PH20%3D%3D           2         \$7.16         https://www.mouser.com/ProductDetail/Mill-Max/110-41-308-41-001000?qs=dvxxXVVM4mzV/11CY1TePuww%3D%3D           7         \$18.60         https://www.mouser.com/ProductDetail/Bourns/CHP0603AFX-1002ELF?qs=Bulw7I-4Cy7%252Bn%2FATsjC7LSA%3D%3D           4         \$6.83         https://www.mouser.com/ProductDetail/Bourns/CMP0603AFX-1003ELF?qs=TiOZKKH1s2RGXvSYscaeJO%3D%3D	
Purchase 2 - Resistors 1	N/A 10kOhm	IC & Component So Thick Film Resistor Thick Film Resistor	3 575-11041308410010 652-CHP0603AFX1002EL	\$0.43 110-41-308-41-001000 CHP0603AFX-1002ELF	\$1.29 10 50	\$0.72 \$0.37 \$0.24	puser com/ProduciDetail/KEMET/C0603C112J5GACTU2qs=QQDyQqP%2Epy(Q8XLH08PHQW3D%3D           2         \$7.16         https://www.mouser.com/ProduciDetail/Mill-Max/110-41-308-41-001000?qs=dvxxXV/M4mZV/1CY1TePuww%3D%3D           7         \$18.60         https://www.mouser.com/ProduciDetail/Bourns/CHP0603AFX-1002ELFPqs=Rulw7L4CY7%252Bn%2FM7siC7LSA%3D%3D           4         \$6.83         https://www.mouser.com/ProduciDetail/Bourns/CMP0603AFX-1003ELF2qs=TiOZKKH1s2RGX/sYscaeJQ%3D%3D	
Purchase 2 - Resistors 1 Purchase 2 - Resistors 2	N/A 10kOhm 100kOhm 1MOhm	3:0603C112J5GACTI IC & Component St Thick Film Resistor Thick Film Resistor Thick Film Resistor	3 575-11041308410010 652-CHP0603AFX1002EL 652-CMP0603AFX-1003L 652-CMP0603AFX-1004L	\$0.43 110-41-308-41-001000 CHP0603AFX-1002ELF CMP0603AFX-1003ELF	\$1.29 10 50 28	\$0.72 \$0.37 \$0.24 \$0.21		
Purchase 2 - Resistors 1 Purchase 2 - Resistors 2 Purchase 2 - Resistors 3	N/A 10kOhm 100kOhm 1MOhm A Calcval:330p; Use	IC & Component So Thick Film Resistor Thick Film Resistor Thick Film Resistor Thick Film Resistor of MLCC (multilayer c	3 575-11041308410010 652-CHP0603AFX1002EL 652-CMP0603AFX-1003L 652-CMP0603AFX-1004L 80-C0603C331JCTAUTO	\$0.43 110-41-308-41-001000 CHP0603AFX-1002ELF CMP0603AFX-1003ELF CMP0603AFX-1004ELF	\$1.29 10 50 28	\$0.72 \$0.37 \$0.37 \$0.24 \$0.21		
Purchase 2 - Resistors 1 Purchase 2 - Resistors 2 Purchase 2 - Resistors 3 Purchase 2 - Band 10 (16000Hz) - Cap.	N/A 10kOhm 100kOhm 1MOhm A Calcval:330p; Used	IC & Component St Thick Film Resistor Thick Film Resistor Thick Film Resistor Thick Film Resistor MLCC (multilayer of MLCC (multilayer of	3 575-11041308410010 652-CHP0603AFX1002EL 652-CMP0603AFX-1003L 652-CMP0603AFX-1004L 80-C0603C331JCTAUTO 80-C0603C330K5RAUTO	\$0.43 110-41-308-41-001000 CHP0603AFX-1002ELF CMP0603AFX-1004ELF CMP0603AFX-1004ELF C0603C331JCTACAUTO	\$1.25 10 50 28 50	\$0.72 \$0.37 \$0.24 \$0.21 \$0.22 \$0.28	2	
Purchase 2 - Resistors 1 Purchase 2 - Resistors 2 Purchase 2 - Resistors 3 Purchase 2 - Band 10 (16000Hz) - Cap Purchase 2 - Band 10 (16000Hz) - Cap	N/A 10kOhm 100kOhm 1MOhm A Calcval:330p; Used E Calcval:33p; Used Calcval:0.000689	3:0603C112J5GACTI IC & Component St Thick Film Resistor Thick Film Resistor Thick Film Resistor thick Film Resistor thick C (multilayer o	3 575-11041308410010 652-CHP0603AFX1002EL 652-CMP0603AFX-1003L 652-CMP0603AFX-1004L 80-C0603C331JCTAUTO 80-C0603C330K5RAUTO 80-C0603X681K2RACTU	\$0.43 110-41-308-41-001000 CHP0603AFX-1002ELF CMP0603AFX-1003ELF CMP0603AFX-1004ELF C0603C331/LGTACAUTO C0603C330KSRACAUTO C0603X681K2RACTU	\$1.29 10 50 28 50	\$0.72 \$0.37 \$0.24 \$0.21 \$0.22 \$0.28 \$0.28		
Purchase 2 - Resistors 1 Purchase 2 - Resistors 2 Purchase 2 - Resistors 3 Purchase 2 - Band 10 (16000Hz) - Cap Purchase 2 - Band 10 (16000Hz) - Cap Purchase 2 - Band 9 (8000Hz) - Cap A	N/A 10kOhm 100kOhm 1MOhm A Calcval:330p; Used Calcval:0.000689 Calcval:0.000689	IC & Component St Thick Film Resistor Thick Film Resistor Thick Film Resistor Thick Comultilayer of MLCC (multilayer of MLCC (multilayer of MLCC (multilayer of	3  575-11041308410010 652-CHP0603AFX1002EL 652-CMP0603AFX-1003L 652-CMP0603AFX-1004L 80-C0603C331JCTAUTO 80-C0603C330K5RAUTO 80-C0603K681K2RACTU 80-C0603C680J2GAUTO	\$0.43 110-41-308-41-001000 CHP0603AFX-1002ELF CMP0603AFX-1003ELF CMP0603AFX-1004ELF C0603C331/LGTACAUTO C0603C330KSRACAUTO C0603X681K2RACTU	\$1.25 1( 55 26 50	https://www.mou \$0.72 \$0.37 \$0.24 \$0.21 \$0.22 \$0.28 \$0.53	2	
Purchase 2 - Resistors 1 Purchase 2 - Resistors 2 Purchase 2 - Resistors 3 Purchase 2 - Band 10 (16000Hz) - Cap Purchase 2 - Band 10 (16000Hz) - Cap Purchase 2 - Band 9 (8000Hz) - Cap B Purchase 2 - Band 9 (8000Hz) - Cap B Purchase 2 - Band 8 (4000Hz) - Cap A	N/A 10kOhm 100kOhm 1MOhm 1A Calcval:330p; Used Calcval:0.000689 Calcval:0.000688 Calcval:0.0013783	3:0603C112J5GACTI IC & Component St Thick Film Resistor Thick Comultilayer c The MLCC (multilayer c The MLCC (multilayer c The MLCC (multilayer c The MLCC (multilayer c	3 575-11041308410010 652-CHP0603AFX-1002EL 652-CMP0603AFX-1003L 80-C06033331-LCTAUTO 80-C06033331-LCTAUTO 80-C0603C330K5RAUTO 80-C0603C8012GAUTO 581-06035C132LATZA	\$0.43 110-41-308-41-001000 CHP0603AFX-1002ELF CMP0603AFX-1003ELF CMP0603AFX-1004ELF C0603C331JCTACAUTO C0603C330KSRACAUTO C0603X68 HZRACTU C0603C680JZGACAUTO	\$1.25 10 55 28 50 3	https://www.mou \$0.72 \$0.37 \$0.24 \$0.21 \$0.22 \$0.28 \$0.53 \$0.21 \$0.22		
Purchase 2 - Resistors 1 Purchase 2 - Resistors 2 Purchase 2 - Resistors 3 Purchase 2 - Band 10 (16000Hz) - Cap Purchase 2 - Band 10 (16000Hz) - Cap Purchase 2 - Band 6 (8000Hz) - Cap A Purchase 2 - Band 8 (4000Hz) - Cap A Purchase 2 - Band 8 (4000Hz) - Cap A Purchase 2 - Band 8 (4000Hz) - Cap A	N/A 10kOhm 100kOhm 1MOhm 2 Calcval:330p; Use Calcval:0.000689 Calcval:0.001378 Calcval:0.001378	IC & Component St. Thick Film Resistor Thick Comultilayer o N.M.CC (multilayer o M.CC (multilayer o	3 575-11041308410010 652-CHP0603AFX1002EL 652-CMP0603AFX-1003L 80-C0603331JCTAUTO 80-C0603331JCTAUTO 80-C06033381M2RACTU 80-C06033581M2RACTU 80-C060356182JAT2A 80-C060356132JAT2A 80-C060356132JAT2A 80-C060356131F5G	\$0.43  110-41-308-41-001000 CHP0603AFX-1002ELF CMP0603AFX-1003ELF CMP0603AFX-1004ELF C0603C331,ICTACAUTO C0603C331,ICTACAUTO C0603C881,ICTACAUTO C0603C880,IZGACAUTO 0603C680,IZGACAUTO 0603C6131F5GACTU C0603C3131F5GACTU	\$1.25 10 55 28 55 3 3	https://www.mou	2	
Purchase 2 - Resistors 1 Purchase 2 - Resistors 2 Purchase 2 - Resistors 3 Purchase 2 - Band 10 (16000Hz) - Cap Purchase 2 - Band 10 (16000Hz) - Cap Purchase 2 - Band 9 (8000Hz) - Cap Purchase 2 - Band 9 (8000Hz) - Cap P	N/A 10kOhm 100kOhm 1MOhm 4 Calcval:330p; Used Calcval:0.000689* Calcval:0.001378 Calcval:0.001378 Calcval:0.001378	ic & Component St Thick Film Resistor Thick Film Resistor Thick Film Resistor Thick Film Resistor on MLCC (multilayer on MLCC (multilayer on	3 575-11041308410010 652-CHP0603AFX1002EL 652-CMP0603AFX1002EL 652-CMP0603AFX-1003L 80-C0603C331JCTAUTO 80-C0603C331JCTAUTO 80-C0603C330K5PAUTO 80-C0603C350L2GAUTO 581-06035C132JAT2A 80-C0603C1311FSG 80-C0603C3131FSG 80-C0603C302G8HAUTO	\$0.43  110-41-308-41-001000 CHP0003AFX-1002ELF CMP003AFX-1002ELF CMP003AFX-1004ELF C0603C331-UCTACAUTO C0603C331-UCTACAUTO C0603C303KSRACAUTO C0603C503C3CACAUTO G063SC132CACAUTO G063SC132CACAUTO G063SC132CACAUTO G063SC32C3AFZA C0603C53C3C56HACAUTO C0603C502C66HACAUTO	\$1.25	https://www.mou \$0.72 \$0.37 \$0.24 \$0.21 \$0.22 \$0.28 \$0.53 \$0.21 \$0.25 \$1.05		
Purchase 2 - Resistors 1 Purchase 2 - Resistors 2 Purchase 2 - Resistors 3 Purchase 2 - Band 10 (16000Hz) - Cap Purchase 2 - Band 10 (16000Hz) - Cap Purchase 2 - Band 9 (8000Hz) - Cap Purchase 2 - Band 9 (8000Hz) - Cap Purchase 2 - Band 9 (8000Hz) - Cap Purchase 2 - Band 7 (8000Hz) - Cap Purchase 2 - Band 7 (2000Hz) - Cap Purchase 2 - Band 7 (2000Hz) - Cap Purchase 2 - Band 7 (2000Hz) - Cap	N/A 10kOhm 100kOhm 1MOhm 1A Calcvait330p; Used E Calcvait330p; Used Calcvait0.000689 Calcvait0.0001378: Calcvait0.0001378: Calcvait0.0001378 Calcvait0.00027566 Calcvait0.0027566	in & Component Sr. Thick Film Resistor A MLCC (multilayer o The MLCC (multilayer o St. MLCC (multilayer o	3 575-11041308410010 652-CHP0603AFX1002EL 652-CMP0603AFX-1003L 652-CMP0603AFX-1003L 652-CMP0603AFX-1004 80-C06033331ACTAUTO 80-C060333861X2RACTU 80-C060333861X2RACTU 80-C060335861X2RACTU 80-C0603C6801Z6AUTO 581-06035C131F5G 80-C0603C302C8RAUTO 581-06035A301J	\$0.43  110-41-308-41-001000 CHP6003AFX-1002ELF CMP6003AFX-1003ELF CMP6003AFX-1004ELF C6693C3314CTACAUTO C6693C3314SRACAUTO C6693C3314SRACAUTO C6693C53815C3ACAUTO C6693C30315F5GACTU C6693C3032681ACAUTO C6693C303268AACAUTO C6693C303268AACAUTO C6693C303268AACAUTO C6693C303268AACAUTO C6693C303C68AACAUTO	\$1.25	https://www.mou		
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