

Bill Of Materials For PK-6128c++

Design Title : ПК-6128ц++
Author : Improver
Revision : 12.01.2023
Design Created : 10 октября 2022 г.
Design Last Modified : 16 января 2023 г.
Total Parts In Design : 305

70 Resistors

<u>Quantity:</u>	<u>References</u>	<u>Value</u>	<u>Order Code</u>
15	R1, R2, R61, R209, R210, R212, R214, R220, R222, R223, R225, R227-R230	10k	Digikey 311-75JTR-ND
2	R3, R216	100k	Digikey 311-75JTR-ND
6	R4, R7-R11	680	Digikey 311-75JTR-ND
2	R5, R6	330	Digikey 311-75JTR-ND
4	R29, R32, R89, R224	1.6k	Digikey 311-75JTR-ND
3	R30, R33, R35	820	Digikey 311-75JTR-ND
4	R31, R34, R36, R78	430	Digikey 311-75JTR-ND
10	R37, R39, R41, R200-R206	75	Digikey 311-75JTR-ND
3	R38, R40, R42	220	Digikey 311-75JTR-ND
1	R43	680	Digikey 3252W-102LF-ND
2	R79, R221	20k	Digikey 311-75JTR-ND
1	R80	5.6k	Digikey 311-75JTR-ND
1	R81	220k	Digikey 311-75JTR-ND
4	R82-R84, R101	2k	Digikey 311-75JTR-ND
6	R85-R87, R217-R219	3.3k	Digikey 311-75JTR-ND
2	R88, R226	5k	Digikey 311-75JTR-ND
1	R207	2.61k	Digikey 311-75JTR-ND
1	R208	1.5k	Digikey 311-75JTR-ND
1	R211	510	Digikey 311-75JTR-ND
1	R215	1k	Digikey 311-75JTR-ND

110 Capacitors

<u>Quantity:</u>	<u>References</u>	<u>Value</u>	<u>Order Code</u>
3	C1, C3, C86	22u	Digikey 495-2226-2-ND
9	C5, C108-C113, C121, C122	220u	Digikey 495-2226-2-ND
81	C6-C81, C87, C123-C126	0.068u	Digikey 478-1129-6-ND
1	C84	0.15u	Digikey 478-1129-6-ND
1	C85	4700p	Digikey 478-1129-6-ND
5	C100-C102, C104, C118	0.1u	Digikey 478-1129-6-ND
2	C103, C114	47u	Digikey 495-2226-2-ND
3	C105-C107	10n	Digikey 478-1129-6-ND
1	C115	47p	Digikey 478-1129-6-ND
1	C116	100p	Digikey 478-1129-6-ND
1	C117	150p	Digikey 478-1129-6-ND
1	C119	0.47u	Digikey 478-1129-6-ND
1	C120	1u	Digikey 495-2226-2-ND

37 Integrated Circuits

<u>Quantity:</u>	<u>References</u>	<u>Value</u>	<u>Order Code</u>
2	U1, U2	UM61512	UM61512A
2	U3, U4	74HC245	
6	U5-U8, U13, U14	74HC157	
2	U9, U17	74HC08	
3	U10, U30, U37	74HC32	
1	U11	CXA2075M	CXA2075M
2	U12, U21	74HC240	
1	U15	74HC21	
1	U16	74HC27	
2	U18, U25	74HC74	
1	U19	74HC04	
1	U20	29EE512	
1	U22	AY-3-8910	AY-3-8910
2	U23, U33	74HC02	
1	U24	74HC139	
1	U26	TDA7052A	TDA7052A
3	U27, U32, U36	74HC00	
2	U28, U29	74HC273	
1	U31	74LVC1G86	
1	U34	DS12885S	
1	U35	74HC138	

4 Transistors

<u>Quantity:</u>	<u>References</u>	<u>Value</u>	<u>Order Code</u>
1	Q1	12MHz	
1	Q3	BSS138	
1	Q4	BC847B	
1	Q10	7.0936MHz	

44 Diodes

<u>Quantity:</u>	<u>References</u>	<u>Value</u>	<u>Order Code</u>
4	D1, D7, D53, D62	74HC74	
3	D2, D13, D71	74HC04	
4	D3, D9, D58, D82	74HC32	
3	D4, D17, D18	74HC193	
1	D5	74HC245	
1	D6	KP1821BM85	
1	D8	74LVC1G86	
1	D10	K155PE3	
2	D11, D50	74HC00	
1	D12	74HC374	
2	D15, D52	74HC393	
1	D16	74HC08	
2	D19, D25	74HC138	
4	D45-D48	74HC166	
3	D49, D60, D61	74HC175	

1	D51	74HC02
2	D54, D55	74LS89
1	D63	74HC153
2	D65, D66	74HC244
1	D68	74HC240
2	D78, D80	8255A
1	D79	8253A
1	D81	LM311

40 Miscellaneous

<u>Quantity:</u>	<u>References</u>	<u>Value</u>	<u>Order Code</u>
1	BAT1	3.2V	
1	DBT1	0x01	
1	DBT2	0x00	
1	H1	SPEAKER	
1	JP1	JUMPER2	
1	JP2	JUMPER	
1	L1	100mkH	
4	RP1-RP4	RESPACK-8	
3	RV1-RV3	1K	Digikey 3252W-102LF-ND
1	RV4	1M	Digikey 3252W-102LF-ND
2	V1, V3	1N4001	
1	X1	DIN8PIN	
2	X2, X3	CONN-D9-RS232	
1	X4	4.43	
1	X5	DIN5PIN	
1	X6	CRYSTAL	
1	X7	SNP34-30	
1	X8	AWLP-10/3	Digikey HDM14H-ND
2	X9, X10	AWLP-34/3	Digikey HDM40H-ND
4	XM1, XM1A, XP1, XP1A	AWLP-40/3	Digikey HDM40H-ND
4	XM2, XM3, XM3A, XP2	AWLP-10/3	Digikey HDM10H-ND
2	XP3, XP3A	CONN-DIL6	
1	XS1	SNP34-90	
1	XT1	66226-024	Digikey 66226-024-ND
1	XT2	DIN7PIN	

16 января 2023 г. 15:17:23