

Bill Of Materials For PK-6128c++

Design Title : PK-6128c++
Author : Improver
Revision : 22.07.2025
Design Created : 10 октября 2022 г.
Design Last Modified : 22 июля 2025 г.
Total Parts In Design : 308

84 Integrated Circuits

<u>Quantity:</u>	<u>References</u>	<u>Value</u>	<u>Order Code</u>
7	D1, D7, D53, D62, U10, U18, U25	74HC74	SMD SO14
4	D2, D13, D71, U19	74HC04	SMD SO14
5	D3, D58, D82, U30, U37	74HC32	SMD SO14
3	D4, D17, D18	74HC193	SMD SO16
3	D5, U3, U4	74HC245	SMD SO20W
1	D6	KP1821BM85	DIP40 intel 8085
2	D8, U31	74LVC1G86	SMD SOT23-5
1	D9	74AC32	SMD SO14
1	D10	K155PE3	DIP16
4	D11, D50, U32, U36	74HC00	SMD SO14
1	D12	74HC373	SMD SO20W
2	D15, D52	74HC393	SMD SO14
3	D16, U9, U17	74HC08	SMD SO14
3	D19, D25, U35	74HC138	SMD SO16
4	D45-D48	74HC166	SMD SO16
3	D49, D60, D61	74HC175	SMD SO16
3	D51, U23, U38	74HC02	SMD SO14
2	D54, D55	74LS89	DIP16 K155PY2
1	D63	74HC153	SMD SO16
2	D65, D66	74HC244	SMD SO20W
3	D68, U12, U21	74HC240	SMD SO20W
2	D78, D80	8255A	DIP40 KP580BB55A
1	D79	8253A	DIP24 KP580BI53
1	D81	LM311	DIP8 K554CA301A
2	U1, U2	UM61512	SP DIP32
6	U5-U8, U13, U14	74HC157	SMD SO16
1	U11	CXA2075M	
1	U15	74HC21	SMD SO14
1	U16	74HC27	SMD SO14
1	U20	29EE512	PLCC32
1	U22	AY-3-8910	DIP40
1	U24	74HC139	SMD SO16
1	U26	TDA7052A	DIP8
1	U27	74AC00	SMD SO14
1	U28	74HC273	SMD SO20W
1	U29	74HC174	SMD SO16
1	U33	74LVC1G02	SMD SOT23-5
1	U34	DS12885S	SMD SOP24
1	U39	SDA7123	SQFP48-7X7
1	U40	ICS501	SMD SO8

2 Transistors

<u>Quantity:</u>	<u>References</u>	<u>Value</u>	<u>Order Code</u>
1	VT6	BC847B	SMD SOT23
1	VT9	2N7002	SMD SOT23

4 Diodes

<u>Quantity:</u>	<u>References</u>	<u>Value</u>	<u>Order Code</u>
2	V1, V3	1N4001	SMD SOD-123F
2	V4, V5	1N5819	SMD SOD-123F

116 Capacitors

<u>Quantity:</u>	<u>References</u>	<u>Value</u>	<u>Order Code</u>
2	C1, C86	22мкф	SMD C
10	C5, C108-C113, C121, C122, C126	220мкф	SMD C
82	C6-C81, C87, C123-C125, C127, C128	0.068мкф	SMD 1206
1	C84	0.15мкф	SMD 1206
1	C85	4700пф	SMD 1206
9	C100-C102, C104, C118, C129-C131, C133	0.1мкф	SMD 1206
2	C103, C114	47мкф	SMD C
4	C105-C107, C132	10нф	SMD 1206
1	C115	47пф	SMD 1206
1	C116	100пф	SMD 1206
1	C117	150пф	SMD 1206
1	C119	0.47мкф	SMD C
1	C120	1мкф	SMD 1206

73 Resistors

<u>Quantity:</u>	<u>References</u>	<u>Value</u>	<u>Order Code</u>
5	R1, R82-R84, R101	2k	SMD 1206
15	R2, R61, R209, R210, R212, R214, R220, R222, R225, R229, R230, R233, R234, R236, R237	10k	SMD 1206
4	R3, R88, R216, R226	5k	SMD 1206
8	R4-R11	680	SMD 1206
1	R78	430	SMD 1206
2	R79, R221	20k	SMD 1206
1	R80	5.6k	SMD 1206
1	R81	220k	SMD 1206
7	R85-R87, R217-R219, R223	3.3k	SMD 1206
3	R89, R224, R228	1.6k	SMD 1206
13	R200-R206, R231, R232, R235, R239-R241	75	SMD 1206
1	R207	2.61k	SMD 1206
1	R208	1.5k	SMD 1206
1	R211	510	SMD 1206
1	R215	1k	SMD 1206
1	R227	820	SMD 1206
1	R238	560	SMD 1206
3	RP1, RP3, RP4	8x10kOm	RESPACK-8
1	RP2	8x2kOm	RESPACK-8
1	RP5	8x4,7kOm	RESPACK-8
1	RP6	8x1kOm	RESPACK-8
1	RV4	100k	3362S

4 Quartz

<u>Quantity:</u>	<u>References</u>	<u>Value</u>	<u>Order Code</u>
1	Q1	12MHz	
1	Q2	4.433619MHz	
1	Q3	7.0936MHz	3.5468MHz
1	Q4	32768kHz	

21 Connectors

<u>Quantity:</u>	<u>References</u>	<u>Value</u>	<u>Order Code</u>
1	X1	DIN8PIN	
2	X2, X3	IDS-10ms	(BH-10, RS232)
1	X5	DIN5PIN	
1	X7	CHП34-30P	
1	X8	DIL 2x7	
4	X9, X10, XM1A, XP1A	DIL 2x20m	
2	XM1, XP1	DIL 2x20f	
4	XM2, XM3, XM3A, XP2	DIL 2x5	
2	XP3, XP3A	DIL 2x3	
1	XT1	DIL 2x12	
1	XT2	DIN7PIN	
1	XS1	CHП34-90P	DIN 41612, 3x10pin

4 Miscellaneous

<u>Quantity:</u>	<u>References</u>	<u>Value</u>	<u>Order Code</u>
1	BAT1	3.2V	CR2032
1	H1	SPEAKER	8Om 0,5..2Вт
1	JP2	DIL 1x3	JUMPER
1	L1	100mkH	SMD 1812

22 июля 2025 г. 15:51:19