

Qty	Value	Package	Parts
<b>Integrated Circuits</b>			
1	Z80	DIL40	IC1
1	EPM7128	TQFP-100	IC10
1	W27C512	DIL28	IC2
1	UT621024-70LL	DIL32	IC3
1	74HC04N	DIL14	IC4
3	74HC245N	DIL20	IC5, IC6, IC7
1	74HC573N	DIL20	IC8
1	AD724	SO16W	IC11
1	AY-3-8912A	DIL28	IC12
1	4069N	DIL14	IC9
1	LM2596S	TO263-5	IC13
<b>Transistors</b>			
5	BC548	TO92-EBC	Q2, Q3, Q4, Q5, Q15
8	2SA1175		Q7, Q8, Q9, Q10, Q11, Q12, Q13, Q14
<b>Diodes</b>			
4	1N4148	DO35-7	D2, D4, D5, D7
1	1N4742A	DO41Z10	D1
1	BRIDGE	RB1A	B1
1	1n5822	DO201T15	D3
1	RED LED	D0805	D6
<b>Resistors</b>			
6	68	0204/7	R18, R19, R20, R21, R22, R23
4	75	0204/7	R26, R27, R28, R30
1	150	0204/7	R33
3	270	0204/7	R24, R25, R32
2	470	0204/7	R1, R2
1	470	R0805	R53
6	1k	0204/7	R34, R35, R36, R37, R42, R45
4	2k	0204/7	R43, R44, R46, R49
4	2k2	0204/7	R6, R15, R16, R17
1	2k7	0204/7	R29
3	3k9	0204/7	R10, R12, R14
3	4k7	0204/7	R3, R47, R48
8	10k	0204/7	R4, R5, R7, R8, R31, R38, R52
1	10k	RN-6	RN2
2	10k	RN-9	RN1, RN3
1	12k	0204/7	R50
3	18k	0204/7	R9, R11, R13
1	33k	0204/7	R41
2	47k	0204/7	R39, R40
<b>Capacitors</b>			
1	10p	C025-025X050	C20
1	10p	CTRIM3050.504	C17
1	22p	C2.5-2	C21
1	100p	C2.5-2	C1
1	330p	C2.5-2	C24
1	1n	C2.5-2	C25

karabas\_128\_revB1\_bom

2	3n3	C2.5-2	C28, C16
20	100n	C2.5-2	C2, C4, C5, C6, C7, C8, C9, C10, C11, C12, C27, C31, C32, C13, C14, C15, C18, C26, C33, C35
7	100n	C0805	C3, C37, C38, C39, C40, C43, C44
4	10u	E2,5-6	C22, C23, C29, C30
1	220u	E2,5-6	C19
2	220u	E2,5-7	C36, C42
1	680u	E3,5-10	C34

### Inductors

1	68uH	DR125	L1
1	27uH	MCC10	L3

### Crystals

1	14MHz	HC49/S	Q1
1	4.433MHz	HC49/S	Q6

### Connectors

1	JTAG	2X5-SHROUDED	X6
1	KBD COLS	1X05	X7
1	KBD ROWS	1X08	X8
1	POWER_JACK	POWER_JACK	J1
1	RGB Mini-Din	MINIDIN-6	X2
1	ROM BANK	1X03	JP2
1	SPEAKER	1X02	X9
1	SPK ON/OFF	1X03	JP5
1	STEREO OUT	AUDIO-JACK-KIT	X5
1	TAPE IN/OUT	AUDIO-JACK-KIT	X4
1	ZXKIT1 debug header	1X09	X3
1	COMPOSITE	TOBU3	X1

### Buttons

1	RESET	TACT SWITCH RIGHT	S1
---	-------	-------------------	----