ZXEvolution Revision C

RefDes	Name	Pattern	Count	Analogs
Chips				
D1	Z84C0020FEC	QFP44X8	1	Z84C0020AEG
D2	EP1K50QC208	PQFP208X5	1	EP1K50QI208
D3	M29F040B	PLCC32	1	AM29F040B
D4	ATMEGA128	TQFP64X8	1	ATMEGA128A
D5	KR1818VG93	DIP40	1	FDC1793, WD1793
D6	7406	SO14	1	74F06, 74S06
D7	7407	SO14	1	74F07, 74S07
D8	YM2149F	DIP40	1	AY38910, WF19540
D9	FT232RL	SSOP28	1	
D10-D13,D17	74HCT245	SOL20	5	74AHCT245, 74ACT245
D14	74ACT04	SO14	1	74F04
D15	PCF8583P	DIP8, SOW8	1	PCF8583T
D16	MAX232	SO16	1	ST232, IL232
D18	74HCT04	SO14	1	74ACT04, 74ALS04
D19	74HCT138	SO16	1	74ALS138, 74ACT138
D20	CD4069	SO14	1	HEF4069, MC14069
D21	ICS501M	SO8	1	501MILF
D22	74HCT125	SO14	1	74ACT125
RAM1,RAM2	MSM5118160F-JS	SOJ42	2	GM71C18160CJ, UPD4218160
DA1	NE5532	SO8	1	
DA2	NCP1117DT-ADJ	DPACK	1	LM1117, SP1117, IL1117, K1254
DA3	NCP1117DT-33	DPACK	1	LM1117, SP1117, IL1117, K1254
DA4	NCP1117DT-25	DPACK	1	LM1117, SP1117, IL1117, K1254
DA5	78M05	DPACK	1	
Semiconductors				
VT2-VT4	BC847	SOT23	3	BC846, BC848, BC849
VD1,VD2	BAT54C	SOT23	2	
VD3,VD6	Led 5mm	LED5	2	
VD4,VD5,VD7,VD8	LL4148	SOD27, SOD80	4	1N4148
Quartz				
Q1	14Mhz	HC49, HC49U	1	
Q2	11.059Mhz	HC49, HC49U	1	
Q3	32768	DT-26T, DT-38T	1	
Ferrits				
L1	1uH	SMD 805,1206	1	
L2,L3	10-27 uH	CDR64B	2	
Capacitors				
C7	6.8pF	SMD 805,1206	1	
C1,C2,C4,C5	20pF	SMD 805,1206	4	
C48,C49	750pF	SMD 805,1206	2	
C8,C58	1nF	SMD 805,1206	2	
C44	10nF	SMD 805,1206	1	
C6,C10,C11,C14, C16-C24,C34,C35, C38-C40,C50,C55, C57,C69-C71,C73, C76-C98,C100, C102-C111,C113, C115,C116	0.1uF	SMD 805,1206	62	
C3,C9,C12,C15, C25-C33,C36,C37, C41-C43,C45-C47, C51-C54,C56,C74	10uF	TypeA	27	tantal capacitor
C13,C99,C101, C112,C114	100uF	TypeB, 0511R	5	aluminium, tantal capacitor

		Resistors		
R86	1	SMD 805,1206	1	
R27,R28,R46,R47, R76-R79,R108, R109,R163	51	SMD 805,1206	11	
R139,R140,R142	75	SMD 805,1206	3	
R87,R99	91	SMD 805,1206	2	
R15-R18,R157-R159	100	SMD 805,1206	7	
R19,R35,R127, R129,R131	390	SMD 805,1206	5	
R29,R56-R59,R63-R68,R94,R128, R130,R132,R165	680	SMD 805,1206	16	
R5-R8,R13,R20, R25,R26,R32-R34, R53-R55,R69,R70, R88,R91-R93,R96, R101,R151-R153, R160,R161	1K	SMD 805,1206	27	
R71,R114,R164	2K2	SMD 805,1206	3	
R1-R4,R9-R12,R14, R21-R24,R30,R31, R36-R45,R48-R52, R60-R62,R72-R74, R80-R85,R89,R90, R102,R103,R118, R119,R123-R126, R134,R135,R138, R141	10K	SMD 805,1206	56	
R104-R107,R112, R113,R116,R117	24K	SMD 805,1206	8	
R95,R97,R98,R110, R111,R120-R122, R133,R136,R137	47K	SMD 805,1206	11	
		Connectors		
PWR1	THP4MR	THP4MR	1	4-pin power
PWR2	ATXPOWER	MF2x10MA	1	ATX 20-pin power
GB1	BAT HOLDER	BH-4	1	holder for CR3032 battery
XS1,XS2	SLOT 62	SL-62	2	ZXBUS slot
XSD1	SD CARD HOLDER	SDC09W4	1	SD01-AP0003
X1	FDD34M	FDD34M	1	floppy drives interface
X2	IDE40M	IDE40M	1	IDE interface
X3	IDC26LPT	IDC26LPT	1	PRN interface
X4,X5,X14,X19	IDC10M	IDC10M	4	
X6	RS232	DRB9MA	1	RS232 interface
X7	VGA	DHR15F	1	VGA/RGB interface
X8,X16-X18,X20	PLS4	PLS4	5	
X9	PLS2	PLS2	1	
X10	AUDIO	ST-214C	1	audio out
X11	DOUBLE PS2	MDD-6FR	1	PS2 keyboard/mouse
X12	IDC20M	IDC20M	1	ZX keyboard/joystick
X13	MINI-USB	Mini USB-A	1	USB slave
X15	PLD2	PLD2	1	tape in/out
X21	RSA	RSA103	1	tape in
J1-J9	JUMPER	PLS2	9	jumpers
		Panels		
D5,D8	DIP40 PANEL	SCL40	2	TRL40