

Qty	Reference(s)	Value	Check	Footprint
<b>Capacitor_Tantalum</b>				
1	CPS6	4.7uF/6V		CP_EIA-3216-18_Kemet-A
2	CIO6, CIO9	10uF/16V		CP_EIA-3216-18_Kemet-A
1	CVE2	47uF/16V		CP_EIA-3528-21_Kemet-B
1	CPS1	47uF/16V		CP_EIA-3216-18_Kemet-A
3	CG3, CIO1, CIO7	47uF/6V		CP_EIA-3216-18_Kemet-A
3	CVE4, CVE5, CVE7	220uF/6V		CP_EIA-3528-21_Kemet-B
2	CPS2, CPS4	330uF/16V		CP_EIA-7343-31_Kemet-D
<b>Capacitor_SMD 0805</b>				
1	CVE10	5pF		C_0805
2	CG1, CG2	20pF		C_0805
1	CPS7	330pF		C_0805
1	CG6	510pF		C_0805
3	CG4, CIO8, CM1	1nF		C_0805
1	CIO4	3.3nF		C_0805
1	CG5	22nF		C_0805
7	CIO2, CPS3, CPS5, CVE1, CVE3, CVE6, CVE8	100nF		C_0805
2	CIO3, CIO5	150nF		C_0805
<b>Capacitor_SMD 1206</b>				
50	CPF1, CPF2, CPF3, CPF4, CPF5, CPF6, CPF7, CPF8, CPF9, CPF10, CPF11, CPF12, CPF13, CPF14, CPF15, CPF16, CPF17, CPF18, CPF19, CPF20, CPF21, CPF22, CPF23, CPF24, CPF25, CPF26, CPF27, CPF28, CPF29, CPF30, CPF31, CPF32, CPF33, CPF34, CPF35, CPF36, CPF37, CPF38, CPF39, CPF40, CPF41, CPF42, CPF43, CPF44, CPF45, CPF46, CPF47, CPF48, CPF49, CPF50	100nF		C_1206
<b>Capacitor_Trimmer</b>				
1	CVE9	5pF-20pF		C_Trimmer_Murata_TZC3
<b>Diode</b>				
10	DG1, DG2, DIO1, DIO2, DIO3, DIO4, DIO5, DIO6, DIO7, DIO8	1N4148		D_SOD-323ing
1	DPI1	RED		LED_0805
1	DPI2	YELLOW		LED_0805
1	DPI3	GREEN		LED_0805
1	DPS1	1N5819		D_SOD-323ing
1	DPS2	DF005S		Diode_Bridge_Vishay_DFS
1	DPS3	SS34		D_SMA
<b>Connectors</b>				
1	JPS1	POWER		BarrelJack_Wuerth_6941xx301002
1	JIO2	Tape		Jack_3.5mm_CUI_SJ1-3535NG
1	JIO4	Sound		Jack_3.5mm_CUI_SJ1-3535NG
1	JVE1	SVIDEO		CUI_MD-80SMK
1	XMCPU1	EDGE-28M5		EDGE_28M5-2.54

1	JVE2	HDMI ADAPTER		IDC-Header_2x05_P2.54mm
<b>Pins</b>				
1	JCPU1	TOP LEVEL		Pins
1	JIO3	AY_IO		PinSocket_2x08_P2.54mm
1	JIO1	0XFE OUT		PinHeader_1x03_P2.54mm
1	JIO5	0xFE IN		PinHeader_1x02_P2.54mm
1	JIOKB1	KADDR		PinHeader_1x08_P2.54mm
1	JIOKB2	KDATA		PinHeader_1x08_P2.54mm
1	JPVE1	SYNC/LUMA		PinHeader_1x03_P2.54mm
2	TP1, TP2	GND		PinHeader_1x02_P2.54mm
<b>Inductor</b>				
2	LIO1, LVE1	100uH		SMD_L_7.3x7.3_H4.5
1	LPS1	33uH		SMD_L_12x12mm_H6mm
1	LPS2	220uH		CD43
<b>Transistors</b>				
5	QG1, QVF1, QVF2, QVF3, QVF4	BC848		SOT-23
<b>Resistor</b>				
1	RPS2	10m		SMD_0805
6	RVE6, RVE9, RVE15, RVE16, RVE17, RVE18	68Om		SMD_0805
6	RVE19, RVE20, RVE21, RVE22, RVE23, RVE24	75Om		SMD_0805
1	RG6	160Om		SMD_0805
1	RPS3	180Om		SMD_0805
2	RVE1, RVE2	270Om		SMD_0805
4	RCPU1, RG5, RPI1, RPI2	330Om		SMD_0805
2	RG7, RVE3	680Om		SMD_0805
5	RG1, RG8, RIO6, RIO7, RIO11	1kOm		SMD_0805
1	RPS4	1.5kOm		SMD_0805
2	RIO8, RIO10	2kOm		SMD_0805
3	RVE12, RVE13, RVE14	2.2kOm		SMD_0805
3	RVE4, RVE7, RVE10	3.9kOm		SMD_0805
6	RIO2, RIO3, RIO4, RIO9, RPI3, RVF1	4.7kOm		SMD_0805
2	RIO12, RIO13	5.1kOm		SMD_0805
5	RCPU2, RCPU3, RG2, RG4, RVE25	10kOm		SMD_0805
1	RPS1	13kOm		SMD_0805
3	RVE5, RVE8, RVE11	18kOm		SMD_0805
1	RIO5	39kOm		SMD_0805
1	RIO1	47kOm		SMD_0805
1	RG3	2MOm		SMD_0805
<b>Resistor array</b>				
3	RSCPU1, RSCPU2, RSIO1	8x10kOm		R_Array_SIP9
<b>Button &amp; switches</b>				
1	SWCPU1	ROMSELECT		SW_DIP_SPSTx03_Slide_6.7x9.18mm_W7.62mm_P2.54mm
1	SWG1	RESET		SW_Tactile_SPST_Angled_PTS645Vx39-2LFS

1	SWVF1	128K/512K		PS-22F03
<b>Logic IC</b>				
2	U8, U32	74HC00		DIP-14_W7.62mm
1	U11	74HC02		DIP-14_W7.62mm
2	U1, U7	74HC04		DIP-14_W7.62mm
2	U12, U34	74HC08		DIP-14_W7.62mm
1	U4	74HC11		DIP-14_W7.62mm
1	U3	74HC14		DIP-14_W7.62mm
1	U31	74HC32		DIP-14_W7.62mm
2	U2, U14	74HC393		DIP-14_W7.62mm
3	U13, U15, U33	74HC74		DIP-14_W7.62mm
1	U9	74HC86		DIP-14_W7.62mm
2	U37, U38	74HC153		DIP-16_W7.62mm
1	U41	74HC166		DIP-16_W7.62mm
2	U5, U10	74HC193		DIP-16_W7.62mm
6	U6, U17, U42, U46, U47, U48	74HC257		DIP-16_W7.62mm
1	U28	74HC244		DIP-20_W7.62mm
5	U23, U24, U25, U26, U43	74HC245		DIP-20_W7.62mm
1	U16	74HC273		DIP-20_W7.62mm
5	U18, U35, U36, U40, U45	74HC574		DIP-20_W7.62mm
<b>Other IC</b>				
1	U27	Z80CPU		DIP-40_W15.24mm
1	U30	29F040		PLCC-32_THT-Socket
1	U44	HM628512		DIP-32_W15.24mm
1	U19	AY-3-8910		DIP-40_W15.24mm
1	U20	AY-3-8912		DIP-28_W15.24mm
1	U21	AY-3-8913		DIP-24_W15.24mm
2	U29, U39	GAL16V8		DIP-20_W7.62mm
1	U22	LM311		SO-8_3.9x4.9mm_P1.27mm
1	UPS2	MC34063A		SO-8_3.9x4.9mm_P1.27mm
1	U49	AD724		SOIC-16W_7.5x10.3mm_P1.27mm
1	UPS1	LM2596S-5.0V		TO-263-5
<b>Crystal</b>				
1	YG1	14MHZ		Crystal_HC49-U
1	YVE1	4.433619MHz		Crystal_HC49-U