





REV	REVISIONS DESCRIPTION	DATE	APPROVED
3	ENG REL PER ERC# E0204J	10 28-83	<i>dk</i>

THIS REPRESENTS THE PRODUCT ASSY FOR THE 1450XLD

ENGINEERING RELEASED

CA061812-001 DOMESTIC 1450XLD
 PART NO. DESC

		DRAWN BY	DATE	 Atari, Inc. 30 E. Plumaria Drive San Jose, CA 95134 
	1450XLD			
NEXT ASSY	USED ON	CHECKED		TITLE (PRODUCT ASSY) COMPUTER FINAL ASSY (1450XLD)
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		APPROVED		
		APPROVED		SIZE A DRAWING NO. CA061812-XXX REV 3
			SCALE	SHEET 1 OF 8

1450 PRODUCT

Rev. 3

ITEM	PART NO.	DESCRIPTION	REFERENCE DESIGNATION	QTY	STATUS			
					RELEASED DATE	REV #	NOT RELEASED EXP. RELE. DATE	RESPONSIBLE
	CO60629	0 OHMS RESISTOR AXIAL LEAD	R22	1				
x		.1 OHMS RESISTOR 1W 5%	R264,265	2				
	14-5180	1 OHMS RESISTOR 1/2W 5%	R241,249	2				
	14-5100	10 OHMS RESISTOR 1/4W 5%	R92	1				
	14-5270	27 OHMS RESISTOR 1/4W 5%	R24	1				
	14-5330	33 OHMS RESISTOR 1/4W 5%	R67-76,83	10				
x		47 OHMS RESISTOR 1/2W 5%	R229,230	2				
	14-5560	56 OHMS RESISTOR 1/4W 5%	R51,63,66	3				
	14-5750	75 OHMS RESISTOR 1/4W 5%	R133,134,137	3				
	14-5101	100 OHMS RESISTOR 1/4W 5%	R27,29,143, 266-278,223, 227	18				
	14-5151	150 OHMS RESISTOR 1/4W 5%	R214,218,222 229	4				
x		150 OHMS RESISTOR 2W 5%	R180	1				
	14-5181	180 OHMS RESISTOR 1/4W 5%	R145,208	2				
	14-5201	200 OHMS RESISTOR 1/4W 5%	R111	1				
	14-5221	220 OHMS RESISTOR 1/4W 5%	R28,211	2				
x		237 OHMS RESISTOR 1/4W 5%	R259,261	2				
	14-5241	240 OHMS RESISTOR 1/4W 5%	R142	1				
	14-5271	270 OHMS RESISTOR 1/4W 5%	R178	1				
x		270 OHMS RESISTOR 1/2W 5%	R207	1				
	14-5361	360 OHMS RESISTOR 1/4W 5%	R191,242,249	3				
	14-5391	390 OHMS RESISTOR 1/4W 5%	R132,175	2				
x		402 OHMS RESISTOR 1/8W 5%	R238,252	2				
	14-5431	430 OHMS RESISTOR 1/4W 5%	R25	1				
	14-5471	470 OHMS RESISTOR 1/4W 5%	R46,60,61,115 157,158,237, 239,247,253	10				
x		600 OHMS RESISTOR 1/4W 5%	R86	1				
x		715 OHMS RESISTOR 1/8W 5%	R260	1				
	14-5751	750 OHMS RESISTOR 1/4W 5%	R128,205,129, 206	4				
x		1.0K OHMS RESISTOR 1/8W 5%	R184	1				
	14-5102	1K OHMS RESISTOR 1/4W 5%	R77,78,110, 114,118,120- 123,139,146, 147,153,156, 164,165 R167-170,172- 174,177,181 190,192,195, 196,199,202, 209,212,231 R240,251,263	37				
x		1.5K OHMS RESISTOR 1/4W 5%	R26,201	2				
	14-5162	1.6K OHMS RESISTOR 1/4W 5%	R130	1				
	14-5182	1.8K OHMS RESISTOR 1/4W 5%	R52-55,135, 171	6				
	14-5202	2K OHMS RESISTOR 1/4W 5%	R97,131	2				
x		2.05K OHMS RESISTOR 1/8W 1%	R262	1				
	14-5222	2.2K OHMS RESISTOR 1/4W 5%	R6,100,148, 154,185,186	8				

ENGINEERING RELEASED

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					RELEASED		NOT RELEASED	
					DATE	REV #	EXP. RELE. DATE	RESPONSIBLE
	14-5272	2.7K OHMS RESISTOR 1/4W 5%	R47,95	2				
	14-5302	3K OHMS RESISTOR 1/4W 5%	R7-9,18-21,30 -31,41-45,67, 79-82,84,87, 112,113,119 136,138 R159,224,226, 279	30				
	14-5332	3.3K OHMS RESISTOR 1/4W 5%	R5,144,150	3				
	14-5392	3.9K OHMS RESISTOR 1/4W 5%	R89,98,107	3				
	14-5472	4.7K OHMS RESISTOR 1/4W 5%	R4,32,33,35- 40,49,50,56- 59,62,128,141 163,179,189 193,196 R198,216,217 220,221,243 R244,250,258	32				
x		4.75KOHMS RESISTOR 1/8W 1%	R280,281	2				
	14-5562	5.6K OHMS RESISTOR 1/4W 5%	R85	1				
	14-5622	6.2K OHMS RESISTOR 1/4W 5%	R104,149	2				
	14-5682	6.8K OHMS RESISTOR 1/4W 5%	R109,116	2				
x		8.25KOHMS RESISTOR 1/8W 1%	R194,197,200, 203,282	5				
	14-5912	9.1K OHMS RESISTOR 1/4W 5%	R127	1				
	14-5103	10K OHMS RESISTOR 1/4W 5%	R2,10-17,34, 65,80,93,117, 140,161,176, 192,228,234	20				
x		13.3KOHMS RESISTOR 1/8W 5%	R232	1				
	14-5153	15.0KOHMS RESISTOR 1/8W 5%	R116,283	2				
	14-5183	18K OHMS RESISTOR 1/4W 5%	R126	1				
	14-5203	20K OHMS RESISTOR 1/4W 5%	R108,210,215, 219,235,255	6				
	14-5223	22K OHMS RESISTOR 1/4W 5%	R183,188,213	3				
	14-5273	27K OHMS RESISTOR 1/4W 5%	R151,152	2				
x		28.7KOHMS RESISTOR 1/8W 1%	R233	1				
	14-5333	33K OHMS RESISTOR 1/4W 5%	R99	1				
	14-5363	36K OHMS RESISTOR 1/4W 5%	R123	1				
	14-5393	39K OHMS RESISTOR 1/4W 5%	R94	1				
	14-5473	47K OHMS RESISTOR 1/4W 5%	R187	1				
	14-5563	56K OHMS RESISTOR 1/4W 5%	R1,3,48,64,96, 101,102,160, 162	9				
	14-5753	75K OHMS RESISTOR 1/4W 5%	R124	1				
	14-5124	120K OHMS RESISTOR 1/4W 5%	R103	1				
x		150K OHMS RESISTOR 1/4W 5%	R246,256	2				
x		160K OHMS RESISTOR 1/4W 5%	R105,106	2				
	14-5224	220K OHMS RESISTOR 1/4W 5%	R23	1				
x		250K OHMS RESISTOR 1/4W 5%	R284	1				
	14-5105	1M OHMS RESISTOR 1/4W 5%	R236,245,254, 257 R91	4				

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					DATE	REV #	EXP. RELE. DATE	RESPONSIBLE
x		CAP 12-70PF VARIABLE	C135	1				
	CO14179-01	CAP 22 PF	C109,131	2				
	CO14179-02	CAP 47 PF 10%	C140,207	2				
	CO14179-10	CAP 68 PF 10%	C144	1				
	2A-009	CAP 100 PF 20%	C177,190	2				
	CO14179-19	CAP 150 PF 20%	C116,123,125	3				
	CO14179-09	CAP 180 PF 10%	C118	1				
	CO14180-01	CAP 200 PF 220 PF	C19,102	2				
	CO61336-02	CAP 270 PF 10%	C156	1				
x		CAP 330 PF 10%	C148	1				
	CO14180-07	CAP 470 PF 10%	C143,155	2				
x		CAP 820 PF 10%	C110	1				
?	CO14180-17	CAP .001 UF	C9,10,12,22- 24,30,33,39- 42,44-60,122, 215	33				
x		CAP 1000 PF 10%	C129,157	2				
x		CAP .0022UF	C94	1				
x		CAP .0033UF	C101	1				
?	CO14181-02	CAP .01 UF DECOUPLING	C26,34,43,121 128,130,137 141,146,149, 152-154,158- 165,168,171 172	24				
x		CAP .01 UF 1KV	C93	1				
		CAP .01 UF 5% NPO	C180,195	2				
	Z1-101103	CAP .01 UF 10%	C179,183,194, 198	4				
	CO17803-01	CAP .022 UF	C100	1				
	CO17803-01	CAP .022 UF 10%	C182,197	2				
x		CAP .047 UF 20%	C166,167	2				
	CO14180-09	CAP .047 UF	C35-38	4				
	CO14181-03	CAP .1 UF DECOUPLING	C2-8,11,13-18 20,21,25,28, 31,32,62-92, 98,99,111-115 117,119,126, 127,132,134, 138,139,174, 187,201,201, 205,208,209, 211,212,216, 217	77				
	CO17885	CAP .1 UF 5%	C169,170	2				
	CO14180-16	CAP .1 UF 10%	C181,185,192, 196	4				
	CO14181-05	CAP .22 UF 10%	C95,136	2				
	CO14181-07	CAP .47 UF 20%	C96,97,105, 145,147,150, 151	7				
x		CAP .68 UF 20% TANT	C142	1				
x		CAP .82 UF	C107	1				

C-014180-05

ITEM	PART NO.	DESCRIPTION	REFERENCE DESIGNATION	QTY	STATUS			
					RELEASED		NOT RELEASED	
					DATE	REV #	EXP. RELE. DATE	RESPONSIBLE
	CO16569	CAP 1 UF 20%	C178,193	2				
x		CAP 2.2 UF 20%	C184,191	2				
x		CAP 3.9 UF	C124	1				
x		CAP 4.7 UF NON POLARIZED	C183,104,106	3				
x		CAP 4.7 UF 20%	C173,186	2				
?x		CAP 4.7 UF 20% 16V	C218	1				
	CO14371	CAP 10 UF 10V	C29,120,133,199,214	5				
	CO14393	CAP 22 UF	C61	1				
	CO15505	CAP 47 UF 20% 16V	C1,175,176,188,189,200,213	7				
	CO14370	CAP 470 UF	C206	1				
x		CAP 6800 UF 20% 35V	C203,204,210	3				
	CO61848	CRYSTAL 1.8432 MHZ	Y2	1				
	CO16090	CRYSTAL 3.58 MHZ	Y1	1				
	CO17536	CRYSTAL 4.433618 MHZ	Y3	1				
x		CRYSTAL 8 MHZ	Y4	1				
x		DIODE 1N4446	CR1,6,7,8,10-32,35,36,38-41	33				
	31-1N4001	DIODE 1N4001	CR4,5,9,48-52	8				
x	CO61845	DIODE 1N4733A	CR2,3	2				
x		DIODE ZENER 3.3 5% 1N52268	CR33	1				
x		DIODE ZENER 4.7 5% 1N52308	CR34	1				
x		DIODE ZENER 6.2 5% 1N52348	CR37	1				
x		DIODE MR750 (MOTOROLA)	CR42-45	4				
	CO14398	DIODE MR501 (MOTOROLA)	CR46,47	2				
	33-2N3906	TRANSISTOR 2N3906	Q1,2	2				
	CO14809	TRANSISTOR MPSA55	Q3	1				
x	CO16000	TRANSISTOR MPSA13	Q4	1				
	34-2N3904	TRANSISTOR 2N3904	Q5-9	5				
x		TRANSISTOR 2N4124	Q10,18,19,21,23	5				
x		TRANSISTOR 2N4403	Q11	1				
x		TRANSISTOR 2N2907A	Q13	1				
x		TRANSISTOR TIP 110	Q20,22	2				
?x	CO61847	OPTO ISOLATOR 4N25		? 1				
	19-411504	POT 500K	VR1	1				
x		POT 25K	VR2,3	2				
x		POT 2K	VR4,5	2				
x		TEST PTS	TP1-18	18				
	CO14384	FERRITE BEADS	L1-4,6-8	7				
	CO12749	INDUCTOR 1.5 UH	L5	1				
	CO17952	INDUCTOR 3.3 UH	L14,15	2				
x		INDUCTOR 100 UH 10%	L9,10	2				
x		INDUCTOR 270 UH	L13	1				
x		INDUCTOR 390 UH	L11,12	2				

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	CO14806	IC 6502M CPU		1				
	CO12296	IC ANTIC		1				
	CO14805	IC GTIA		1				
	CO12294	IC POKEY		1				
	CO14795	IC PIA		1				
x	CO61720	IC SC01 VOTRAX (SPEECH PROCESSOR)	U4	1				
x	CO61687	IC 74LS273 OCTAL LATCH		2				
x	CO61923	IC LS175 F/F		1				
	CO14313	IC 74LS244 BUFFER TRISTATE		3				
	CO14345	IC 74LS158 MUX		2				
	CO60612	IC 4164 RAM		8				
x	CO60615	IC 2764 EPROM (16Kx8)		2				
x	CO61924	IC 27128 EPROM (16K x 8)		1				
?x	CO60609	IC PAL		1				
	CO14344	IC 74LS138 MUX		3				
	CO60613	IC 74LS375		1				
	CO60472	IC DDL DIGITAL DELAY LINE		1				
	CO60474	IC 74LS51 AND OR INVT		1				
x	CO61690	IC 6551 SERIAL COMM ASUNC		1				
x	CO61692	IC 74HC492 MODEM	U34	1				
x	CO61691	IC CD4053 MULTIPLEXER		1				
x	CO61925	IC 2301A F/F		1				
x	CO61481	IC 74LS30 NAND 8IN		1				
x	CO61689	IC 74LS245 TRANSCEIVER		2				
x	CO61926	IC 74LS133 NAND 13IN		1				
	CO10816	IC CD4050 BUFFER		1				
x		IC LH555 TIMER		1				
	CO17099	IC 74LS161 COUNTER SYNC		1				
	CO16045	IC 74LS74 D F/F		3				
x	CO61928	IC 8050H MICROPROCESSOR (INTEL)		1				
x	CO61921	IC WD2797 DISK CONTROLLER		1				
x	CO61929	IC 74LS374 D F/F		2				
x	CO61930	IC 74LS221 MONOSTABLE		1				
	CO10174	IC LM3086 TRNSISTOR ARRAY		1				
x		IC MPQ2907 TRANSISTOR ARRAY		1				
	CO17951	IC 592 OP AMP		1				
x		IC 733 OP AMP		1				
	CO14332	IC LM311 VOLTAGE REGULATOR		1				
?	CO61931	IC 75478		4				
x	CO61932	IC 74LS123 MONOSTABLE		2				
	CO17244	IC 74LS157 MUX		1				
	CO17101	IC LM2917 FREQ/VOLTAGE CONV		2				
x		IC LM350 VOLTAGE REG		3				
x		IC LM320-5 VOLTAGE REG		1				
	CO15950	IC LM339 COMPARATOR		1				
	CO17097	IC 74LS08 AND 2IN QUAD		2				
x	CO61933	IC 74LS11 AND 3IN		1				
	CO17096	IC 74LS04 HEX INV		4				
	CO16540	IC 74LS03 NAND 2IN QUAD		1				
x	CO61719	IC DS75451 DUAL PERIPHERAL DRIVER		1				
	CO61934	IC 74S32 OR 2IN QUAD		1				
	CO14362	IC 74LS32 OR 2IN		1				

* NEW

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					RELEASED		NOT RELEASED	
					DATE	REV #	EXP. RELE. DATE	RESPONSIBLE
	CO14320	IC LM324 OP AMP QUAD		1				
x	CO61935	IC 7416 HEX INVRT BUFFER		2				
	CO14341	IC 74LS00 NAND 2IN		2				
	CO17098	IC 74LS86 EX OR QUAD		1				
x	CO61936	IC 74LS38 NAND 2IN BUFFER		1				
	CO14340	IC 74LS02 NOR 2IN		1				
?		UDN5713M						
x		UM1651 RF MODULATOR		1				
x	CO61844	TRANSFORMER AUDIO		1				
x		RELAY PC MOUNT DIP		1				
	CA060846	KEYBOARD		1				
	CO14715	POWER JACK	J12	1				
	CO14386-09	SOCKET 40 PIN		7				
	CO14386-08	SOCKET 28 PIN		4				
	CO14386-06	SOCKET 22 PIN		1				
	CO14386-03	SOCKET 16 PIN		8				
x		HEADER 17 PIN						
x		HEADER 10 PIN	J13,14					
x		HEADER 6 PIN	J18,24					
x		HEADER 4 PIN	J15-17,19,21- 23,25,28,29					
x		HEADER 2 PIN	J20,26,27					
	CO60410	CARTRIDGE RT. CONN.						
	CO10448	PADDLE CONN.	J5,6	2				
	CO14725	SIO CONN.	J1	1				
	CO14388	MONITOR CONN.	J2	1				
		KEYBOARD CONN.	J8	1				
	CO12241	SWITCH CHANNEL	SW2	1				
	CO61022	SWITCH POWER	SW1	1				
xx		PCB MODEL 1250		1				
xx		HEAT SINK		1				
xx		SHIELD FCC UPPER		1				
xx		SHIELD FCC LOWER		1				
xx		POWER ADAPTER		1				
xx		DOS DISKETTE		1				
xx		ENVELOPE DISKETTE		1				
xx		LED		3				
xx		TM50-2		1				
xx		CABLE KEYBOARD		1				
xx		FAN DC BRUSHLESS		1				
xx		SHEET METAL DRIVE MOUNTING		1				
xx		BEZEL FRONT		1				
xx		BEZEL KEY BOARD		1				
xx		HARDWARE		1				
xx		INDICATOR STRIP		1				
xx		WASHER, INSULATOR		2				
xx		DUAL SHIPPER		1				

x NEW xx TANDON PART

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					RELEASED		NOT RELEASED	
					DATE	REV #	EXP. RELE. DATE	RESPONSIBLE
XX		LOGO-NAME PLATE		1				
XX		GRAPHIC BOX		1				
XX		OPERATORS MANUAL		1				
XX		WARRANTY CARD		1				
XX		DOS MANUAL		1				
XX		LABEL SERIAL FCC		1				
XX		STYROFOAM UPPER		1				
XX		STYROFOAM LOWER		1				
XX		POLY BAG		1				
XX		COVER TOP PLASTIC		1				
XX		COVER BOTTOM PLASTIC		1				
XX		PCB ASSY		1				

XX TANDON PART