

THIS REPRESENTS THE PRODUCT ASSY FOR THE 1450XLD

ENGINEERING RELEASED

CA061812-001 DOMESTIC 1450XLD
PART NO. DESC

		DRAWN BY	DATE	 Atari, Inc. 30 E. Plumeria Drive San Jose, CA 95134  A Warner Communications Company	
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	NOT RELEASED	EXP. RELE.	RESPONSIBLE
					DATE	REV #	DATE	
	0060629	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				
	14-5180	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,	18				
			266-278,223,					
			227					
	14-5151	150 OHMS RESISTOR 1/4W 5%	R214,218,222	4				
			229					
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%	R287	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	10				
			157,158,237,					
			239,247,253					
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,	4				
			206					
X		1.0K OHMS RESISTOR 1/8W 5%	R184	1				
	14-5102	1K OHMS RESISTOR 1/4W 5%	R77,78,110,	37				
			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					
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%	R32-55,135,	6				
			171					
	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%	R6,100,140,	8				
			154,185,186					

ENGINEERING RELEASED

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	14-5272	2.7K OHMS RESISTOR 1/4W 5%	R47,95	2				
	14-5302	3K OHMS RESISTOR 1/4W 5%	R7-9,10-21,30	30				
			-31,41-45,67,					
			79-82,84,87,					
			112,113,119					
			136,138					
			R159,224,226,					
			279					
	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-	32				
			40,49,50,56-					
			59,62,128,141					
			163,179,189					
			193,196					
			R198,216,217					
			220,221,243					
			R244,250,258					
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,	5				
			203,282					
	14-5912	9.1K OHMS RESISTOR 1/4W 5%	R127	1				
	14-5103	10K OHMS RESISTOR 1/4W 5%	R2,10-17,34,	20				
			65,80,93,117,					
			140,161,176,					
			192,228,234					
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,	6				
			219,235,255					
	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%	R1,3,46,64,96	9				
			101,102,168,					
			162					
	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,	4				
			257					
			R91					

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					RELEASED		NOT RELEASED	
					DATE	REV #	EXP. RELE. DATE	RESPONSIBLE
		CAP 12-70PF VARIABLE	C135	1				
	CO14179-01	CAP 22 PF	C139,131	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%	C116	1				
	CO14180-01	CAP 244 PF 220 PF	C19,102	2				
	CO61336-02	CAP 270 PF 10%	C156	1				
		CAP 330 PF 10%	C148	1				
	CO14180-07	CAP 470 PF 10%	C143,155	2				
		CAP 820 PF 10%	C118	1				
	CO14180-17	CAP .001 UF	C9,10,12,22-	33				
			24,30,33,39-					
			42,44-60,122,					
			215					
		CAP 1000 PF 10%	C129,157	2				
		CAP .0022UF	C94	1				
		CAP .0033UF	C101	1				
	CO14181-02	CAP .01 UF DECOUPLING	C26,34,43,121	24				
			128,130,137					
			141,146,149,					
			152-154,158-					
			165,168,171					
			172					
		CAP .01 UF 1KV	C93	1				
		CAP .01 UF 5% NPO	C180,195	2				
	21-101103	CAP .01 UF 10%	C179,183,194,	4				
			198					
	CO17803-01	CAP .022 UF	C100	1				
	CO17803-01	CAP .022 UF 10%	C182,197	2				
		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	77				
			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					
	CO17885	CAP .1 UF 5%	C169,170	2				
	CO14180-16	CAP .1 UF 10%	C181,185,192,	4				
			196					
	CO14181-05	CAP .22 UF 10%	C95,136	2				
	CO14181-07	CAP .47 UF 20%	C96,97,105,	7				
			145,147,150,					
			151					
		CAP .68 UF 20% TANT	C142	1				
		CAP .82 UF	C187	1				
		CAP .22	C188	2				

CO14180-05

ITEM	PART NO.	DESCRIPTION	REFERENCE DESIGNATION	QTY	STATUS			
					RELEASED		NOT RELEASED	
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	CO16569	CAP 1 UF 20%	C178,193	2				
*		CAP 2.2 UF 20%	C184,191	2				
*		CAP 3.9 UF	C124	1				
*		CAP 4.7 UF NON POLARIZED	C183,184,186	3				
*		CAP 4.7 UF 20%	C173,186	2				
?*		CAP 4.7 UF 20% 16V	C218	1				
	CO14371	CAP 10 UF 10V	C29,120,133,	5				
			199,214					
	CO14393	CAP 22 UF	C61	1				
	CO15585	CAP 47 UF 20% 16V	C1,175,176,	7				
			188,189,200,					
			213					
	CO14370	CAP 470 UF	C286	1				
*		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				
*		CRYSTAL 8 MHZ	Y4	1				
*		DIODE 1N4446	CR1,6,7,8,10-	33				
			32,35,36,38-					
			41					
	31-1N4001	DIODE 1N4001	CR4,5,9,48-52	8				
*	CO61845	DIODE 1N4733A	CR2,3	2				
*		DIODE ZENER 3.3 5% 1N5226B	CR33	1				
*		DIODE ZENER 4.7 5% 1N5230B	CR34	1				
*		DIODE ZENER 6.2 5% 1N5234B	CR37	1				
*		DIODE MK750 (MOTOROLA)	CR42-45	4				
	CO14398	DIODE MK501 (MOTOROLA)	CR46,47	2				
	33-2N3906	TRANSISTOR 2N3906	Q1,2	2				
	CO14809	TRANSISTOR MPSA55	Q3	1				
*	CO16000	TRANSISTOR MPSA13	Q4	1				
	34-2N3904	TRANSISTOR 2N3904	Q5-9	5				
*		TRANSISTOR 2N4124	Q10,18,19,21,	5				
			23					
*		TRANSISTOR 2N4403	Q11	1				
*		TRANSISTOR 2N2907A	Q13	1				
*		TRANSISTOR TIP 110	Q20,22	2				
?*	CO61847	OPTO ISOLATOR 4N25		?	1			
	19-411504	POT 500K	VR1	1				
*		POT 25K	VR2,3	2				
*		POT 2K	VR4,5	2				
*		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				
*		INDUCTOR 100 UH 10%	L9,10	2				
*		INDUCTOR 270 UH	L13	1				
*		INDUCTOR 390 UH	L11,12	2				

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	CD14806	IC 6502M CPU		1				
	CD12296	IC ANTIC		1				
	CD14805	IC GTIA		1				
	CD12294	IC POMEY		1				
	CD14795	IC FIA		1				
*	CD61720	IC SC01 VOTRAX (SPEECH PROCESSOR)	U4	1				
*	CD61687	IC 74LS273 OCTAL LATCH		2				
*	CD61923	IC LS175 F/F		1				
	CD14313	IC 74LS244 BUFFER TRISTATE		3				
	CD14345	IC 74LS158 MUX		2				
	CD68612	IC 4164 RAM		8				
*	CD68615	IC 2764 EPROM (16K*8)		2				
*	CD61924	IC 27128 EPROM (16K * 8)		1				
?	CD68609	IC PAL		1				
	CD14344	IC 74LS138 MUX		3				
	CD68613	IC 74LS375		1				
	CD68472	IC DDL DIGITAL DELAY LINE		1				
	CD68474	IC 74LS51 AND OR INVT		1				
*	CD61690	IC 6551 SERIAL COMM ASYNC		1				
*	CD61692	IC 74HC492 MODEM	U34	1				
*	CD61691	IC CD4053 MULTIPLEXER		1				
*	CD61925	IC 2301A F/F		1				
*	CD61481	IC 74LS30 NAND 8IN		1				
*	CD61689	IC 74LS245 TRANSCEIVER		2				
*	CD61926	IC 74LS133 NAND 13IN		1				
	CD10816	IC CD4050 BUFFER		1				
*		IC LM555 TIMER		1				
	CD17899	IC 74LS161 COUNTER SYNC		1				
	CD16045	IC 74LS74 D F/F		3				
*	CD61928	IC 8050H MICROPROCESSOR (INTEL)		1				
*	CD61921	IC WD2797 DISK CONTROLLER		1				
*	CD61929	IC 74LS374 D F/F		2				
*	CD61930	IC 74LS221 MONOSTABLE		1				
	CD10174	IC LM3086 TRANSISTOR ARRAY		1				
*		IC MP02907 TRANSISTOR ARRAY		1				
	CD17951	IC 592 OP AMP		1				
*		IC 733 OP AMP		1				
	CD14332	IC LM311 VOLTAGE REGULATOR		1				
?	CD61931	IC 75478		4				
*	CD61932	IC 74LS123 MONOSTABLE		2				
	CD17244	IC 74LS157 MUX		1				
	CD17101	IC LM2917 FREQ/VOLTAGE CONV		2				
*		IC LM358 VOLTAGE REG		3				
*		IC LM320-5 VOLTAGE REG		1				
	CD15950	IC LM339 COMPARATOR		1				
	CD17897	IC 74LS08 AND 2IN QUAD		2				
*	CD61933	IC 74LS11 AND 3IN		1				
	CD17896	IC 74LS04 HEX INV		4				
	CD16540	IC 74LS03 NAND 2IN QUAD		1				
*	CD61719	IC DS75451 DUAL PERIPHERAL DRIVER		1				
	CD61934	IC 74S02 OR 2IN QUAD		1				
	CD14362	IC 74LS32 OR 2IN		1				

* NEW

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	CD14320	IC LM324 OP AMP QUAD			1				
X	CD61935	IC 7406 HEX INVRT BUFFER			2				
	CD14341	IC 74LS00 NAND 2IN			2				
	CD17098	IC 74LS86 EX OR QUAD			1				
X	CD61936	IC 74LS38 NAND 2IN BUFFER			1				
	CD14340	IC 74LS02 NOR 2IN			1				
?		UDW5713M							
X		UM1651 RF MODULATOR			1				
X	CD61844	TRANSFORMER AUDIO			1				
X		RELAY PC MOUNT DIP			1				
	CA060046	KEYBOARD			1				
	CD14715	POWER JACK	J12		1				
	CD14386-09	SOCKET 48 PIN			7				
	CD14386-08	SOCKET 28 PIN			4				
	CD14386-06	SOCKET 22 PIN			1				
	CD14386-03	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						
	CD60410	CARTRIDGE RT. CONN.							
	CD10448	PADDLE CONN.	J5,6		2				
	CD14725	SIO CONN.	J1		1				
	CD14388	MONITOR CONN.	J2		1				
		KEYBOARD CONN.	J8		1				
	CD12241	SWITCH CHANNEL	SW2		1				
	CD61022	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		TR50-2			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

PROJECT: 1251
DATE : 4-26-83

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					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