

ITEM	PART NO.	QTY.	DESCRIPTION	ITEM	PART NO.	QTY.	DESCRIPTION	ITEM	PART NO.	QTY.	DESCRIPTION
37	R126-R131,R133,	24	RES., 51,CRCW1206-51	19	JP10	1	HEADER 9X2, PTC09DFAN	3	C1-C22,C25-C27,	126	CAP., .1UF, C1206C104K5RAC
	R136,R138-R143,		VISHAY/DALE				SULL INS		C30-C32,C35-C37,		KEMET
	R145,R148,R150-			20	JP11	1	HEADER 4X1,PTC09SFAN		C40-C42,C45-C47,		
	R155,R157,R160						SULL INS		C50,C51,C54,C57,		
38	R187,R188	2	RES., 150,CRCW1206-150	21	JP24	1	HEADER 8X2, PTC08DFAN,		C59-C61,C63,C73-		
			VISHAY/DALE				SULL INS		C75,C84-C86,C100,		
39	R189,R190	2	RES., 1K,CRCW1206-1K	22	L1-L13	13	INDUCTOR, 1UH,5022-102J,		C102-C104,C106,		
			VISHAY/DALE				API/DELEVAN		C108-C110,C112,		
40	U1,U3,U6,U8,U11	6	I.C., XC4010E-3 XC4010EPQ30PCK	23	P1-P14	14	TESTPOINT, (REF)		C114-C116,C118,		
	U13			24	R1-R4,R7-R10,R13-	19	RES., 10,1/8W CFR-12JR 10R,		C120-C122,C124,		
41	U2,U4,U7,U9,U12,	6	I.C., IDT72831L15PF, IDT		R16,R20,R30,R40,		YAGEO		C126-C128,C130,		
	U14				R50,R60,R70,R81				C132-C185		
42	U5,U10,U15	3	HEADER, 20X2, PTC-20DFAN	25	R5,R11,R17,R186	4	RES., SIP-9, 4309R-101-472	4	C23,C24,C28,C29,	12	CAP., .33UF, ECS-H1CD336R
			SULL INS				BOURNS		C33,C34,C38,C39,		PANASONIC
43	U16,U18,U20,U22,	6	I.C., HDMP1022, HP	26	R21,R22,R31,R32,	12	RES., 68,CRCW0805-68		C43,C44,C48,C49		
	U24,U26				R41,R42,R51,R52,		VISHAY/DALE	5	C53	1	CAP., 1UF, ECQ-E1105KF
44	U28,U34,U36,U39,	9	I.C., 74HCT541DW,PHILIPS		R61,R62,R71,R72						PANASONIC
	U40,U47,U48,U72,			27	R23,R24,R33,R34,	12	RES., 192,CRCW0805-192	6	C55,C58,C62,C64	4	CAP., 100pF, C1206C101K5J1GAC
	U80				R43,R44,R53,R54,		VISHAY/DALE				KEMET
45	U29	1	I.C., 74HCT682D,SAMSUNG		R63,R64,R73,R74			7	C56,C65,C67,C69,	15	CAP., 0.47UF, ECQ-B1H474JF
46	U31	1	I.C., MC100ELT23D, MOTO	28	R25,R26,R35,R36,	24	RES., 150,CRCW0805-150		C71,C76,C78,C80,		PANASONIC
47	U32	1	I.C., MC10H116D, MOTO		R45,R46,R55,R56,		VISHAY/DALE		C82,C87,C89,C91,		
48	U33	1	I.C., SY89429AJC,SYNERGY		R65,R66,R75,R76,				C93,C95,C97		
49	U35,U43	2	I.C., 74AHCT151D,PHILIPS		R162,R163,R166,R167,			8	C66,C68,C70,C72,	14	CAP., 22UF, ECS-H1CD226R
50	U37	1	LED, SSF-LXH210311D-5V/4 (RED)		R170,R171,R174,R175,				C77,C79,C81,C83,		PANASONIC
			LUMEX OPTO		R178,R179,R182,R183				C88,C90,C92,C94,		
51	U38,U41,U42	3	LED, SSF-LXH2103GGD-5V/4 (GRN)	29	R27,R28,R37,R38,	24	RES., 51,CRCW0805-51		C96,C98		
			LUMEX OPTO		R47,R48,R57,R58,		VISHAY/DALE	9	C99,C101,C105,C107,	12	CAP., .01UF, C1206C103K5RAC,
52	U44-U46	3	CONN, 650473-5, AMP		R67,R68,R77,R78,				C111,C113,C117,C119,		KEMET
53	U49-U52,U56-U59,	14	I.C., LM2940T-5.0,		R164,R165,R168,R169,				C123,C125,C129,C131		
	U63-U66,U69,U70		NATL SEMI		R172,R173,R176,R177,			10	C186-C199	14	CAP., 100UF, ECE-V1CA101P,
54	U53-U55,U60-U62	6	I.C., DS90C032TM, NATL		R180,R181,R184,R185						PANASONIC
			SEMI	30	R79,R102-R125	24	RES., 100,1/8W, CFR-12JR 100R,	11	D1-D6	6	DIODE, IN4148, VISHAY/LITEON
55	U67,U68	2	I.C., 74HCT08DW,MOTO				YAGEO	12	F1-F7	7	FUSE, R154002, LITTLEFUSE
56	U76-U78	3	I.C., HFBR53D05,HP	31	R80	1	RES., 150,1/8W, CFR-12JR 150R,	13	J1-J9,J12-J41,TP1-	75	TESTPOINT, 2348 MILLMAX
57	U79	1	I.C., MC74ACT86D, MOTO				YAGEO		TP36		
58		14	HEATSINK, 577202B00000 AAVID (INSTALL UNDER ITEM 53, 14 PLCS)	32	R82	1	RES., 2K,CRCW0805-2K	14	J11	1	HEADER 6X2,PTC06DFAN, SULL INS
59		14	SCREWS, #4-40X1/2LG, NYLON	33	R83-R88	6	RES., 680,CRCW0805-680	15	JMP1-JMP6	6	HEADER 2X2,PTC02DFAN, SULL INS
60		14	WASHER, #4, NYLON				VISHAY/DALE				
61		14	NUT, #4-40, NYLON	34	R89,R90	2	RES., 1,1/8W, CFR-12JR 1R0,	16	JP4	1	HEADER 2X1,PTC02SFAN, SULL INS
62		6	HEATSINK, 61945-3-B-750 AAVID (FOR ITEM 43, HDMP1022)	35	R91-R93	3	RES., 1K, CRCW0805-1K	17	JP5	1	CONN., 3M 81036-500203
63		12	TAPE, CPU 1.75X1.75 BERGQUIST FOR ITEMS 43, CUT TO SIZE	36	R94-R101	8	RES., 620,1/8W, CFR-12JR 620R,	18	JP9	1	HEADER 4X2,PTC04SFAN, SULL INS
64		2	BD-STIFFNER, RIGIDIZER, CCI				YAGEO				
65		6	SCREWS, #2-56 NYLON								
66		6	NUT, #2-56, NYLON								

REVISIONS				ORIGINAL ISSUE			
REVISION LETTER	CLASS REVIEW	DATE	CHANGED BY	DATE	CHANGED BY	CHECKED BY	APPROVED BY
REVISIONS				CLASSIFICATION OF DRAWING: UNCL			
PART: UNCL				TITLE BLOCK: UNCL			
TITLE				ORNL DCIM ASSEMBLY			
ORIGINATED	M. CUTSHAW	1/18/00	ORNL				
DRAWN	G. SMITH	1/18/00	NIS-4	.X= +/- . . . . . 0.XX= +/- . . . . . ANGULAR= +/- . . . . .			
CHECKED				0.X= +/- . . . . . 0.XXX= +/- . . . . . FINISH= +/- . . . . .			
PROJ. ENGR.							
APPROVED				SCALE	TOTAL SHEETS	DRAWING NO.	SHEET NO.
RELEASED				1/1		NONE	D 1A