ITEM	PART NO.	QTY.	DESCRIPTION
1	10Y-226430 D15	1	P.C.DETAIL
2	10Y-226430 D13	REF	SCHEMATIC
3	B1,B2	2	BEAD, 6HFB, 2673666611, FAIR-RITE
4	C1,C2,C5,C8,C38, C41,C44,C56,C59, C62,C74,C77,C80, C83,C86,C89,C94- C108,C112-C119, C122,C125,C128, C165-C168	46	CAP., .1UF, C0805, KEMET
5	C3,C6,C9,C39,C42, C45,C57,C60,C63, C75,C78,C81,C84, C87,C90,C92,C93, C109-C111,C120, C123,C126,C129	24	CAP., .01UF, C0805, KEMET
6	C4,C7,C10,C40,C43, C46,C58,C61,C64, C76,C79,C82,C85, C88,C91,C121,C124, C127,C130	19	CAP., 1000PF, C0805, KEMET
7	C131-C133,C143- C145,C149-C151, C155-C160	15	CAP., 10UF, 20V, T491C, AVX
8	C161,C162	2	CAP., 3.3UF, 20V, T491A, AVX
9	C163,C164	2	CAP., 100UF, 10V, T491D, AVX
10	CR1	1	DIODE, CMPD6263C, SOT-23, CENTRAL SEMICONDUCTOR
11	E15-E18	4	TEST PAD (NO PARTS)
12	E11-E14	4	WIRE, 20 GA
13	J1-J5	5	CONN., 20 PIN
14	JP1,J6,J7	3	CONN, 2 PIN, 22-11-2022, MOLEX
15	L1-L3,L5-L14	13	IND., 120nH, CTML1206-R12K, CEMTRAL TECHNOLOGIES
16	P1,P2	2	CONN, 9 PIN, DEMM9PL
17	P3	1	TERM STRIP, TSW-103-06-G-D,SAMTEC
18	R1,R42,R43	3	RES., 270, CRCW1206-271J, SOTA INC
19	R3,R5,R19,R20,R27, R28,R35,R36,R39,R40	10	RES., 10, CRCW0805-100J, SOTA INC
20	R4,R21,R29,R37,R41, R44,R48,R51-R58, R85	16	RES., 10K, CRCW0805-103J, SOTA INC
21	R49,R60	3	RES., 100K, CRCW0805-104J, SOTA INC
22	R59,R61	2	RES., .025, LRC2512-01-R025-FTR,IRC
23	R63-R84	22	RES., 33, CRCW0805-330J, SOTA INC
24	U1,U42	2	OSC, CRYS32, SPT2B-.032768B, SEIKO
25	U2	1	I.C., HFBR-53D5, PKG-HFBR, HP
26	U3	1	I.C., HDMP-1024, M-QUAD80, HP
27	U4,U8,U10,U12,U13	5	I.C., DS90C215MTD, MTD48, NATL SEMI
28	U20	1	I.C., SN74AS08D, SO14, TI
29	U40,U41	2	I.C., IDT74FCT163244CPV, SSOP48
30	U43,U44	2	I.C., DS2437S, DALLAS SEMI
31	U45	1	I.C., SN74AS04D, SO14, TI
32		A/R	20AWG BARE WIRE
33	R62	1	NOT USED
34	P/N 6079B	1	HEATSINK, THERMALLOY

NOTES:

1. ASSEMBLE AND SOLDER PER SS-P96978
2. MARK APPROXIMATELY AS SHOWN WITH CONTRASTING COLOR USING 1/8 INCH HIGH CHARACTERS.(COVER WITH CONFORMAL COAT)
3. BOND HEATSINK TO TOP SIDE OF U3 USING A THERMALLY CONDUCTIVE ADHESIVE.

REVISION LETTER	CLASS REVIEW	REVISIONS	DATE	CHANGED BY	CHECKED BY	APPROVED BY
D		ADDED HEATSINK	10/23/00	G.S.		
C		R62 NOT USED	09/12/00	G.S.		
B		ADDED DETAIL A	08/15/00	G.S.		
A		REWORKED LAYOUT	7/18/00	G.S.		
		ORIGINAL ISSUE				

LOS ALAMOS

LOS ALAMOS NATIONAL LABORATORY
LOS ALAMOS, NEW MEXICO 87545

	SIGNATURE	DATE	GROUP
ORIGINATED	M. ECHAVE	01-03-00	NIS-4
DRAWN	G.SAEWERT	01-03-00	NIS-4
CHECKED			
PROJ. ENGR.			
APPROVED			
RELEASED			

CLASSIFICATION OF DRAWING: UNCL

PART: UNCL   TITLE BLOCK: UNCL

TITLE

CLINK_TX CHANNEL LINK ASSEMBLY

.X= +/-____ 0.XX= +/-____ ANGULAR= +/-____

0.X= +/-____ 0.XXX= +/-____ FINISH= +/-____

SCALE	TOTAL SHEETS	DRAWING NO.	SIZE	SHEET NO.
1/1	2	10Y-226430-D11	D	1