

ITEM	PART NO.	QTY.	DESCRIPTION	ITEM	PART NO.	QTY.	DESCRIPTION
26	R142,R143,R162-	35	RES., 10K, RM0805	1	10Y-226430 D6	1	P.V.C.DETAIL
	R170,R173,R175-R178,			2	10Y-226430 D4	REF	SCHEMATIC
	R204-R221,R223			3	C1,C2,C4,C7,C10,	54	CAP., 0.01UF, C0805
27	R144-R153,R180,	22	RES., 0K, RM0805		C13,C16,C19,C22-		
	R181,R185-R194				C56,C58,C61,C64,		
28	R179,R202	2	RES., 100K, RM0805		C67,C70,C73,C76-		
29	R183	1	RES., 1.0, RWR81		C78,C120,C126		
30	R203	1	RES., 0.100, RM2512, 96F7809, IRC	4	C3,C6,C9,C12,C15,	18	CAP., 0.1UF, C0805
31	RP1-RP3,RP5-RP7	6	RESPACK, 22, PRN110-16-22R0J		C18,C21,C57,C60,		
			CAL MICRO		C63,C66,C69,C72,		
32	RP4,RP8-RP13	7	RESPACK, 10K, PRN110-16-1002J		C75,C121-C124		
			CAL MICRO	5	C5,C8,C11,C14,C17,	12	CAP., 0.001UF, C0805
33	S1	1	SWITCH, TP11SH8ABE, C&K		C20,C59,C62,C65,		
34	SW1	1	SWITCH, TD08H0SK1, C&K		C68,C71,C74		
35	U1	1	I.C., AT93C46-10SC-2.7, ATMEL	6	C79-C95	17	CAP., 0.22UF, C1210
36	U2-U7	6	I.C., SN74AHCT16245DL, TI	7	C96	1	CAP., 4.7UF, T491B
37	U8	1	I.C., MIC5237-2.5BU, MICREL	8	C97,C98,C101-C104	8	CAP., 22UF, T491D
38	U9,U29	2	I.C., MIC29150-5.0BU, MICREL		C125,C127		
39	U10	1	I.C., MIC29150-3.3BU, MICREL	9	C99	1	CAP., 100.0UF, T491D
40	U11	1	I.C., EPC2TC32, ALTERA	10	C100	1	CAP., 47.0UF, T491D
41	U12,U13	2	I.C., DS90CR216AMTD, NATL	11	C105-C119	15	CAP., 3.3UF, C3216
42	U14,U15	2	I.C., DS90CR215MTD, NATL	12	CR1	1	I.C., LED, 5350T5LC, CML
43	U16	1	I.C., DS1834AS, DALLAS SEMI	13	U25	1	I.C., LED, 5350T1LC, CML
44	U17	1	I.C., SN74ALS257ADR, TI	14	E1-E10,E12-E20,E25-	88	EPOINT, EPAD, (PAD ONLY)
45	U18	1	I.C., SN74ALS38BD, TI		E33,E36-E38,E41-E55,		
46	U19,U20,U27	3	I.C., CRY32-SP-T2B-.32768A, SEIKO		E57-E73,E75-E99		
47	U21-U23	3	I.C., DS2437S, DALLAS SEMI	15	F1,F2	2	RESETTABLE FUSE, 3A, RGE300, RAYCHEM
48	U24	1	I.C., DS2480S, DALLAS SEMI	16	P1,P2	2	CONN., 10 PIN, 2510-5002UB, 3M
49	U26	1	I.C., EPF10K50EQC240-2, ALTERA	17	P3	1	CONN, 48 PIN, 2-164045-4, AMP
50	U28	1	I.C., SN74ALVC1622836DL, TI	18	P4	1	CONN, 128 PIN, 023816, ERNIE
				19	P5	1	CONN., 20 PIN, 2520-5002UB, 3M
51	400-062 BGV	2	CARD EJECTOR, ELECTRO SPACE FABRICATION	20	P6,P7	2	CONN., 174216-3, AMP
				21	P8	1	HEADER, SSW-102-01-S-D, SAMTEC
52	R174	1	RESISTOR, (NOT USED)	22	R1	1	RES., 3.9, RWR81
53	R184,R195-R197	4	RESISTOR, 110 OHM, RM0805	23	R132	1	RES., 0.050,RM2512,96F7807,IRC
3	54	A/R	WIRE, JUMPER, 22 GA	24	R133-R137,R154-	17	RES., 1K, RM0805
					R161,R171,R172,		
					R182,R222		
				25	R138-R141	4	RES., 100, RM0805

NOTES:

- ASSEMBLE AND SOLDER PER IPC-6012, CLASS II.
- MARK APPROXIMATELY AS SHOWN WITH CONTRASTING COLOR USING 1/8 INCH HIGH CHARACTERS.(COVER WITH CONFORMAL COAT)
- INSTALL JUMPER WIRE BETWEEN: E91-E93, E94-E95, E96-E97, E98-E99.

REVISION LETTER	CLASS REVIEW	REVISIONS	DATE	CHANGED BY	CHECKED BY	APPROVED BY
F		ITEM 21(P8) QTY WAS 2	09/12/00	G.S.		
E		ADDED 54, NEW VALUE ON 53.	09/05/00	G.S.		
D		MADE R174 NOT USED	08/14/00	G.S.		
C		ADDED CARD EJECTORS	06/22/00	G.S.		
B		REVISED BOARD	02/08/00	G.S.		
A		REVISED BOARD	11/17/99	G.S.		
		ORIGINAL ISSUE				

LOS ALAMOS LOS ALAMOS NATIONAL LABORATORY LOS ALAMOS, NEW MEXICO 87545				CLASSIFICATION OF DRAWING: UNCL PART: UNCL TITLE BLOCK: UNCL TITLE MUON CNTL ASSEMBLY			
SIGNATURE	DATE	GROUP					
ORIGINATED S.ROBINSON	7/23/99	NIS-4					
DRAWN G.R.	7/23/99	NIS-4	.X= +/-_ .XX= +/-_ ANGULAR= +/-_				
CHECKED			0.X= +/-_ 0.XXX= +/-_ FINISH= +/-_				
PROJ. ENGR.							
APPROVED			SCALE	TOTAL SHEETS	DRAWING NO.	SHEET NO.	
RELEASED			2/1		10Y-226430	D5	