ITEM	PART NO.	QTY.	DESCRIPTION
26	R142,R143,R162-	36	RES., 10K, RM0805
	R170,R173-R178,		
	R204-R221,R223		
27	R144-R153,R180,	22	RES., 0K, RM0805
	R181,R185-R194		
28	R179,R202	2	RES., 100K, RM0805
29	R183	1	RES., 1.0, RWR81
30	R203	1	RES., 0.100, RM2512, 96F7809, IRC
31	RP1-RP3,RP5-RP7	6	RESPACK, 22, PRN110-16-22R0J
			CAL MICRO
32	RP4,RP8-RP13	7	RESPACK, 10K, PRN110-16-1002J
			CAL MICRO
33	S1	1	SWITCH, TP11SH8ABE, C&K
34	SW1	1	SWITCH, TD08H0SK1, C&K
35	U1	1	I.C., AT93C46-10SC-2.7, ATMEL
36	U2-U7	6	I.C., SN74AHCT16245DL, TI
37	U8	1	I.C., MIC5237-2.5BU, MICREL
38	U9,U29	2	I.C., MIC29150-5.0BU, MICREL
39	U10	1	I.C., MIC29150-3.3BU, MICREL
40	U11	1	I.C., EPC2TC32, ALTERA
41	U12,U13	2	I.C., DS90CR216AMTD, NATL
42	U14,U15	2	I.C., DS90CR215MTD, NATL
43	U16	1	I.C., DS1834AS, DALLAS SEMI
44	U17	1	I.C., SN74ALS257ADR, TI
45	U18	1	I.C., SN74ALS38BD, TI
46	U19,U20,U27	3	I.C., CRYS32-SP-T2B-.32768A, SEIKO
47	U21-U23	3	I.C., DS2437S, DALLAS SEMI
48	U24	1	I.C., DS2480S, DALLAS SEMI
49	U26	1	I.C., EPF10K50EQC240-2, ALTERA
50	U28	1	I.C., SN74ALVC1622836DL, TI
51	400-062 BGV	2	CARD EJECTOR, ELECTRO SPACE FABRICATION

ITEM	PART NO.	QTY.	DESCRIPTION
1	10Y-226430 D6	1	P.C.DETAIL
2	10Y-226430 D4	REF	SCHEMATIC
3	C1,C2,C4,C7,C10,	54	CAP., 0.01UF, C0805
	C13,C16,C19,C22-		
	C56,C58,C61,C64,		
	C67,C70,C73,C76-		
	C78,C120,C126		
4	C3,C6,C9,C12,C15,	18	CAP., 0.1UF, C0805
	C18,C21,C57,C60,		
	C63,C66,C69,C72,		
	C75,C121-C124		
5	C5,C8,C11,C14,C17,	12	CAP., 0.001UF, C0805
	C20,C59,C62,C65,		
	C68,C71,C74		
6	C79-C95	17	CAP., 0.22UF, C1210
7	C96	1	CAP., 4.7UF, T491B
8	C97,C98,C101-C104	8	CAP., 22UF, T491D
	C125,C127		
9	C99	1	CAP., 100.0UF, T491D
10	C100	1	CAP., 47.0UF, T491D
11	C105-C119	15	CAP., 3.3UF, C3216
12	CR1	1	I.C., LED, 5350T5LC, CML
13	U25	1	I.C., LED, 5350T1LC, CML
14	E1-E10,E12-E20,E25-	88	EPOINT, EPAD, (PAD ONLY)
	E33,E36-E38,E41-E55,		
	E57-E73,E75-E99		
15	F1,F2	2	RESETTABLE FUSE, 3A, RGE300, RAYCHEM
16	P1,P2	2	CONN., 10 PIN, 2510-5002UB, 3M
17	P3	1	CONN, 48 PIN, 2-164045-4,AMP
18	P4	1	CONN, 128 PIN, 023816, ERNIE
19	P5	1	CONN., 20 PIN, 2520-5002UB, 3M
20	P6,P7	2	CONN., 174216-3, AMP
21	P8	2	HEADER, SSW-102-01-S-D,SAMTEC
22	R1	1	RES., 3.9, RWR81
23	R132	1	RES., 0.050,RM2512,96F7807,IRC
24	R133-R137,R154-	17	RES., 1K, RM0805
	R161,R171,R172,		
	R182,R222		
25	R138-R141,R184,	8	RES., 100, RM0805
	R195-R197		

NOTES:

1. ASSEMBLE AND SOLDER PER IPC-6012, CLASS II.
2. MARK APPROXIMATELY AS SHOWN WITH CONTRASTING COLOR USING 1/8 INCH HIGH CHARACTERS.(COVER WITH CONFORMAL COAT)

REVISION LETTER	CLASS REVIEW	REVISIONS	DATE	CHANGED BY	CHECKED BY	APPROVED BY
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
CHECKED			
PROJ. ENGR.			
APPROVED			
RELEASED			

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

SCALE	TOTAL SHEETS	DRAWING NO.	SHEET SIZE	NO.
2/1		10Y-226430	D5	