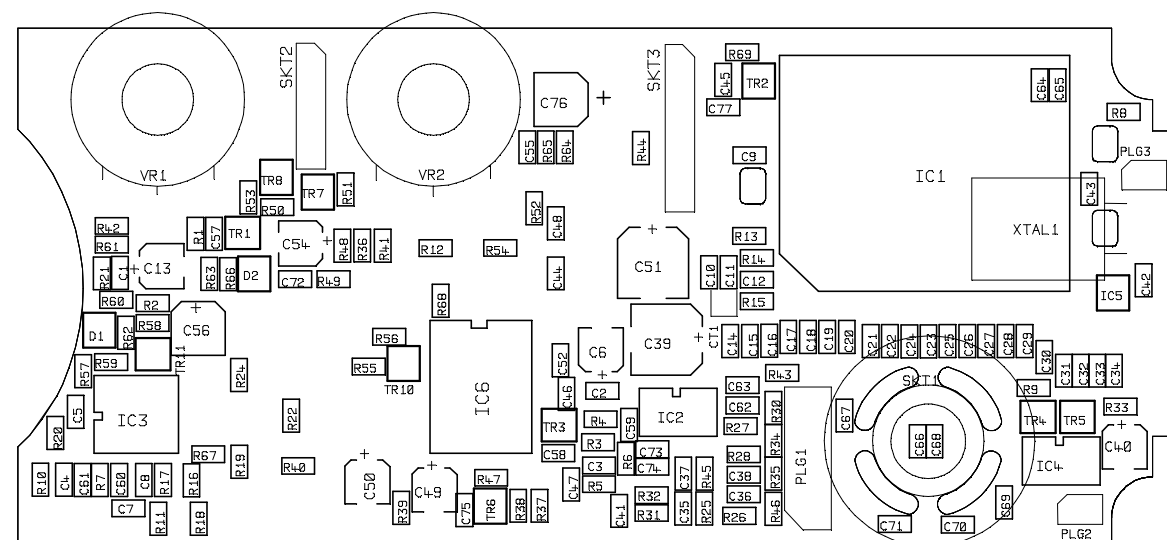
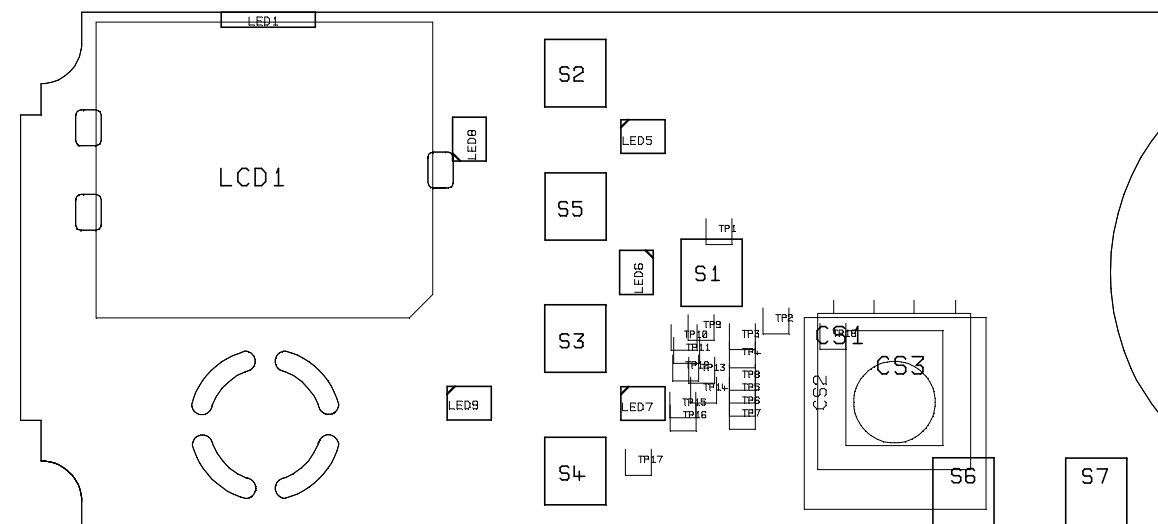


THIRD ANGLE PROJECTION

REAR VIEW



FRONT VIEW



DRG No : E02960

SURFACE MOUNT COMPONENTS

ITEM	QTY	PART No.	COMP REF	DESCRIPTION
1	1	E02959	-	PCB DRILLED
2	4	100161	R3,R28,R38,R41	0805 100K
3	1	100163	R57,R61	0805 220R
4	1	100166	R66	0805 47K
5	4	100167	R45,R46,R47,R64	0805 1K
6	1	100172	R51	0805 2K7
7	1	100175	R34	0805 470R
8	2	100177	R39,R40	0805 3K3
9	2	100180	R8,R44	0805 560R
10	1	100182	R65	0805 27K
11	1	100186	R12	0805 100R
12	14	100190	R1,R6,R13,R14,R15,R20,R21,R33,R37,R42,R49,R50,R52,R53	0805 10K
13	2	100195	R35,R69	0805 47R
14	1	100208	R9	0805 390R
15	1	100213	R5	0805 220K
16	2	100231	R36,R48	0805 4R7
17	1	100282	R4	0805 82K
18	2	110102	C39,C51	33UF 25V SM ELECT
19	38	110115	C14,C15,C16,C17,C18,C19,C20,C21,C22,C23,C24,C25,C26,C27,C28,C29,C30,C31,C32,C33,C34,C44,C45,C46,C47,C48,C57,C58,C64,C65,C66,C67,C68,C69,C70,C71,C75,C77	0805 1n
20	4	110118	C59,C62,C63,C73	0805 100p
21	6	110128	C3,C9,C52,C55,C72,C74	0805 100n
22	3	110138	C10,C11,C12	0805 10n
24	2	110159	C42,C43	0805 33p
25	1	110168	C49	1UF 50V SM ELECT
26	5	110169	C6,C13,C40,C50,C54	4U7 25V SM ELECT
27	2	110191	C56,C76	47UF 6.3V ELECT
28	1	120036	D2	BA516
29	5	120058	LED5,LED6,LED7,LED8,LED9	HSMG-T600
30	1	130028	TR6	BC846B
31	1	130029	TR8	BCW70
32	1	130044	TR7	BC807
33	5	130057	TR1,TR2,TR3,TR4,TR5	DTC143ZK
34	1	140077	IC4	NMC9346 EPROM
35	1	140147	IC5	V6300F
36	1	140154	IC2	BA4558
37	1	E03317	IC1	140157 Programmed
38	5	210019	S1,S2,S3,S4,S5	SM_SWITCH

PLG1,R24,R59,C2,S6 & S7 NOT FITTED

ADDITIONAL COMPONENTS ATIS OPTION (sm)

ITEM	QTY	PART No.	COMP REF	DESCRIPTION
39	3	100167	R30,R55,R56	0805 1K
40	3	100188	R31,R32,R63	0805 4K7
41	10	100190	R18,R19,R25,R26,R27,R43	0805 10k
42	2	100210	R54,R60,R62,R68	0805 20k
43	2	100267	R2,R7	0805 13k3
44	5	100275	R10,R11,R22,R58,R67	0805 33k
45	1	110115	C38	0805 1n
46	2	110118	C60,C61	0805 100p
47	2	110128	C36,C41	0805 100n
48	3	110138	C1,C7,C8	0805 10n
49	4	110177	C4,C5,C35,C37	0805 4n7
50	1	120081	D1	BAW56
51	2	130054	TR10,TR11	DTC123YK
52	1	140071	IC3	LM324
53	1	E03399	IC6	140158 Programmed

CONVENTIONAL MOUNT COMPONENTS

ITEM	QTY	PART No.	COMP REF	DESCRIPTION
54	1	120053	LED1	KA-9219/2
55	1	150038	VR2	SQ170
56	1	150039	VR1	V170S
57	1	160059	XTAL1	4.096MHz
58	1	170182	SKT1	7 WAY PLUG PANEL MOUNT
59	1	210031	CS1	CS15
60	1	E03109	-	LCD RETAINER
61	1	E03130	LCD1	TR1195
62	2	E03131	-	ELASTOMER
63	1	E03191	SKT2	6WAY
64	1	E03192	SKT3	8WAY
65	1	E03193	PLG2	2WAY

DRAWN BY: R.F.
CHECKED: DATE: 7-3-97
APPROVED: DATE:

DO NOT SCALE		IF IN DOUBT ASK		1289 3	11-3-99	SEE MOD NOTE	
1233 2		9-9-98		TR10,TR11 WAS DTC143ZK			
No		ISS		DATE		MODIFICATIONS	
STAR LANE, MARGATE, KENT CT9 4NP TEL: 0843 290290 FAX: 0843 290250		THIS DRAWING IS COMPUTER GENERATED ANY MANUAL MODIFICATION WILL INVALIDATE THE C.A.D. FILE		LIMITS MET		LIMITS IMP	
				+ & -		+ & -	
MATERIAL:		MODEL: AXIS		0. = .50		FRAC = .015	
				0.0 = .25		.00 = .010	
DATE: 11-3-99		SCALE:		.00 = .10		.000 = .005	
				ANG = 0.5		ANG = 0.5	
FRONT PANEL PCB ASSEMBLY DETAIL		DRG No: E02960		ISSUE: 3			