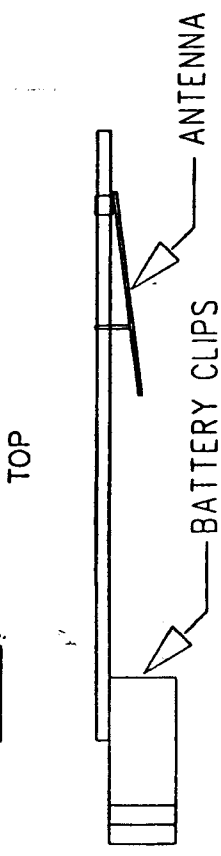
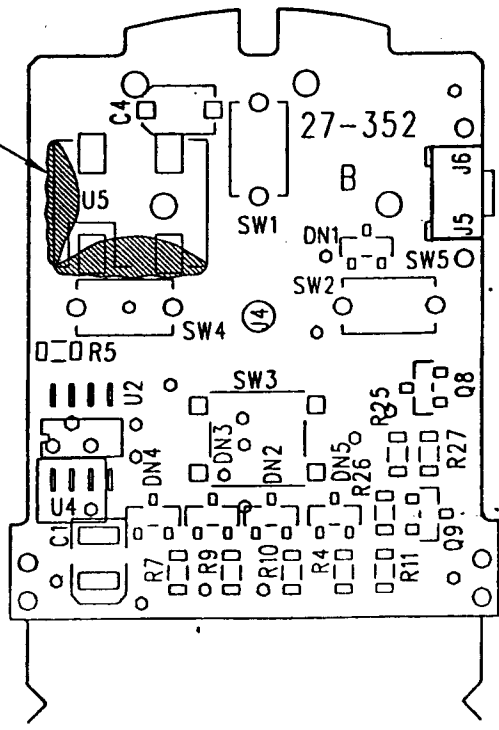
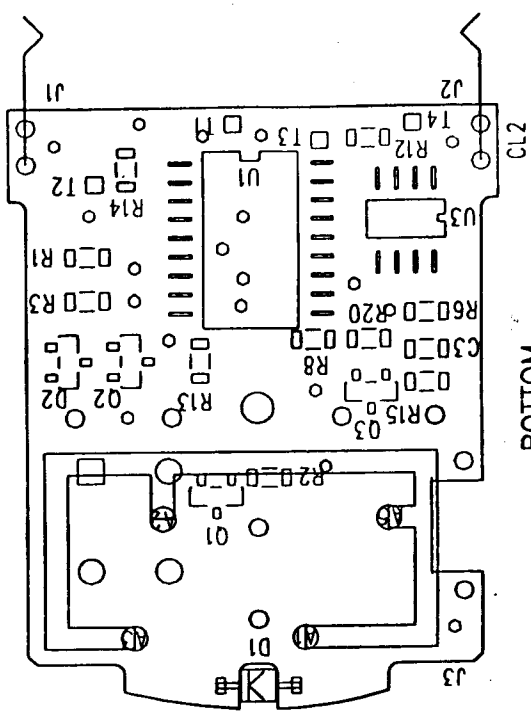


3		2		1	
REVISIONS					
REV	DESCRIPTION			DATE	APPROVED
B	ECN #101096B			10/18/96	S.S.
B1	ECN #040897D			6/3/97	S.S.
B2	ECN #091597B			9/15/97	F.R.
C	ECN #060697B			1/13/98	F.R.
D	ECN #031198D			4/15/98	

- HYBRID CIRCUIT (U5) ASSEMBLY NOTE:
1. ATTACH U5 WITH EPOXY PRIOR TO ASSEMBLY OF OTHER COMPONENTS AND SOLDERING.
 2. AFTER SOLDERING, ADD EPOXY ALONG TWO SIDES AS SHOWN TO FURTHER SECURE U5. OVERLAP EPOXY ON TOP EDGES OF U5 AS SHOWN.



4. WARNING: UNSEALED SWITCH. TO BE INSTALLED AFTER WASH.
3. SEE BILL OF MATERIAL FOR PART NUMBERS.
2. EPOXY USED: "DEVCON" 5 MINUTE EPOXY GEL (OR EQUIVALENT). IT IS RECOMMENDED TO USE AUTOMIX NOZZLE TO PROVIDE CLEAN & PRECISE APPLICATION OF EPOXY.
1. REF PCB: 27-352



BOTTOM
REFERENCE
MAY 10 1999
ONLY

UNLESS OTHERWISE SPECIFIED: 1. ALL DIMENSIONS ARE IN INCHES. 2. TOLERANCES ARE: XXX DECIMAL ± 0.005" XX DECIMAL ± 0.01" X DECIMAL ± 0.1" ANGLES ± 0.5° 3. PROVIDE ALL SHARP EDGES. 4. DO NOT SCALE DRAWING. MATERIAL:												APPLICATION: P950 ROLLS ROYCE											
												APPROVALS				DATE				TITLE			
												DRAWN				R.P.				10/17/96			
												CHECKED				A. ZAREMBA				10/21/96			
												APPROVED				C. HANFORD				6/11/97			
												SIZE				FSCM NO.				B			
												DWG. NO.				AS45-352				REV.			
																				D			

CLIFFORD ELECTRONICS, INC.
20750 LASSEN STREET, CHATSWORTH, CALIFORNIA 91311
2 CH RFM AGC
TRANSMITTER

Parent Item: 46-352 Prod Cat: A User Def: SKN: M Comm: 71 Eng Ris: Date: 4/20/99 Size: Rev: G Route: Route: PCB, XMTR, 2BTN, 2CH, ACG

EXPLOSION REPORT CONTROLLED MAY 10 1999

COMPONENT QTY PER UM DESCRIPTION OPER SQ FCTR TYP LEV SCRAP B/M REV EFF-DATE DATE BY --CHANGED--

1 16-034 1.0000 EA IC 0 7 .0 A 10/09/96 4/20/99 STE 4/21/99 STE

1 27-352 1.0000 EA PCB, XMTR, 2BTN, 2CH, RFM ACG 0 10 .0 A B 10/09/96 4/20/99 STE 0/00/00

1 22-054 1.0000 EA RES, 220, 5K, SMD, 0805 0 10 .0 A 10/09/96 4/20/99 STE 4/21/99 STE

1 17-010 1.0000 EA CAP, 1-3PF, TRIM, SMD 0 11 .0 A 10/09/96 4/20/99 STE 4/21/99 STE

1 16-223-381 1.0000 EA MICRO-P, PIC16C54-RCI/50, UNIV 0 20 .0 A 10/09/96 4/20/99 STE 0/00/00

1 15-011 1.0000 EA IC, EPROM, 93LC46B-I/SN, SMD 0 24 .0 A 10/09/96 4/20/99 STE 0/00/00

1 22-046 1.0000 EA VR, LM2931M-5.0, SMD, NATIONAL 0 25 .0 A 10/09/96 4/20/99 STE 0/00/00

1 73-770 1.0000 EA TRANSISTOR, 2N3906, SMD 0 28 .0 A 10/09/96 4/20/99 STE 0/00/00

1 73-769 4.0000 EA TRANSISTOR, 2N3904, SMD 0 30 .0 A 10/09/96 4/20/99 STE 0/00/00

1 73-769 4.0000 EA TRANSISTOR, 2N3904, SMD 0 30 .0 A 10/09/96 4/20/99 STE 0/00/00

1 73-769 4.0000 EA TRANSISTOR, 2N3904, SMD 0 30 .0 A 10/09/96 4/20/99 STE 0/00/00

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1 73-769 4.0000 EA TRANSISTOR, 2N3904, SMD 0 30 .0 A 10/09/96 4/20/99 STE 0/00/00

1 73-769 4.0000 EA TRANSISTOR, 2N3904, SMD 0 30 .0 A 10/09/96 4/20/99 STE 0/00/00

LEV	COMPONENT ITEM NUMBER	QTY PER UM	DESCRIPTION	OPER	SQ	SCRAP B/M REV FCR TYP LEV	EFF-DATE ST/END	DATE	BY	DATE	BY	CHANGED-- DATE	BY
1	22-048	2.0000	EA DIODES INC. # MMBT3904 Q1,3,8,9 DIODE,DUAL,SMD ROHM DAN235K ROHM#DAN235KT146 1 PIN SIDE ON SIDE.147 2 PIN SIDE ON FEED HO 3K PER T/R PHILLIPS # PMBD2838 AND BAV70 CENTRAL SEMICONDUCTOR # CMPD28 DN2,3	0	32	.0 A	10/09/96	4/20/99	STE	0/00/00			
1	22-049	1.0000	EA DIODE,LED,RED,SMD ROHM SLN-210LT ROHM#SLN-210LT BULK NCNR KINGBRIGHT # KM2520A01SRT001 D1	0	34	.0 A	10/09/96	4/20/99	STE	0/00/00			
1	73-487	1.0000	EA DIODE,1N914,MMBT914X-SOT23,SMD D2	0	36	.0 A	10/09/96	4/20/99	STE	0/00/00			
1	22-083	1.0000	EA CAP,10UF,CASE B,TANT,10%,10V D2	0	38	.0 A	10/09/96	4/20/99	STE	0/00/00			
1	22-119	1.0000	EA CAP,330PF,NPO,5%,0805 C1	0	43	.0 A	10/09/96	4/20/99	STE	0/00/00			

Options: MOT:MMBD914X SOT-23 PKG
 FAIRCHILD FDS0914 .SA(MMBD914T
 ROHM #DAN212KRT146 1 PIN SIDE
 SIDE.147 2 PIN SIDE ON FEED HO
 MOT # MMBD4148 TO-236AB(49)(SO
 TAITRON # MMBD914
 NATIONAL SEMI. # MMBD4148
 PHILLIPS #DAS16
 NATIONAL MMBD914
 NEMCO # PCT 10/10BK
 AVX # TAJB106K016R
 20 % TOLERANCE IS ACCEPTABLE
 MATSUO # 267E1602-106-KR
 PANASONIC # ECST1AX106R
 NEMCO # PCT10/16BK 16V
 C1
 VIRAMON #VJ0805A331JXBMT
 AVX # 08051A331JAT2A
 MMC # CE331J2NO-T1(J-5%)
 R.F.ELECTRONICS # MA0805CG331J
 JOHANSON # 500R15N331JV4E
 AVX # 08051A331JATMA
 NIC # NMC0805NPO331J100TRPLP
 SAMSUNG #CL21C331JJCNC
 MURATA #GRM40C0G331J100
 MURATA #GRM40C0G331J050
 C3

LEV	COMPONENT ITEM NUMBER	QTY PER UM	DESCRIPTION	OPER	SQ	SCRAP B/M REV FCTR TYP LEV	EFF-DATE ST/END	DATE	BY	DATE	BY	STE	0/00/00
1	22-005	7.0000	EA RES,100K,5%,SMD,0805	0	48	.0	A	10/09/96	4/20/99	STE		0/00/00	
			RECTOR CR10-104J CORONA										
			KAMAYA # RMC10-104JT										
			MERITEK # CR10104J										
			SEE:P/N 12-0805 AVL LIST										
			R3,4,7,9,10,11,27										
1	22-180	1.0000	EA RES,62K,5%,SMD,0805	0	49	.0	A	10/09/96	4/20/99	STE		0/00/00	
			RECTOR #CR10-623J										
			MERITEK # CR10-623J										
			SEE:P/N 12-0805 AVL LIST										
			R25										
1	22-015	5.0000	EA RES,10K,5%,SMD,0805	0	50	.0	A	1/14/98	4/20/99	STE		0/00/00	
			RECTOR CR10-103J CORONA										
			KAMAYA # RMC10-103JT										
			MERITEK # CR10103J										
			SEE:P/N 12-0805 AVL LIST										
			R1,2,8,20,26										
1	26-507	1.0000	OZ ADHESIVE,5MIN.EPOXY,FAST-CURE	0	50	.0	A	1/14/98	4/20/99	STE		0/00/00	
			DEVCON # 14250										
1	22-124	1.0000	EA RES,820,5%,SMD,0805	0	55	.0	A	10/09/96	4/20/99	STE		0/00/00	
			RECTOR CR10-821J										
			SEE:P/N 12-0805 AVL LIST										
			R13										
1	22-125	1.0000	EA RES,24.3K,1%,SMD,0805	0	56	.0	A	10/09/96	4/20/99	STE		0/00/00	
			STACKPOLE # RMC1/1024.3K1%TR										
			KAMAYA # RMC1/10										
			MERITEK # CR102432F										
			SEE:P/N 12-0805 AVL LIST										
			R6										
1	22-055	1.0000	EA RES,1K,5%,SMD,0805	0	58	.0	A	10/09/96	4/20/99	STE		0/00/00	
			MERITEK #CR10102J										
			RECTOR CR10-102J										
			SEE:P/N 12-0805 AVL LIST										
			R14										
1	22-056	2.0000	EA RES,4.7K,5%,SMD,0805	0	60	.0	A	10/09/96	4/20/99	STE		0/00/00	
			KAMAYA # RMC10-472JT										
			MERITEK # CR10472J										
			SEE:P/N 12-0805 AVL LIST										
			R12,15										
1	21-107	1.0000	EA SWITCH,FEED-THROUGH,180G,NOT	0	82	.0	A	6/01/98	4/20/99	STE		0/00/00	

Run Date: 10-MAY-1999 Time: 12:25 PM

Explosion Report Single Level

User: STE Page 00005

Parent Item: 46-352 Prod C

Eng Rls:

Rev: G Route:
Date: 4/20/99 Size:

PCBA, XMTR, 2BTN, 2CH, ACG

Date: 4/20/99 Size:

LEV	COMPONENT	QTY	PER	UM	DESCRIPTION	OPTIONS
	ITEM NUMBER					COMPONENT

OPER	SO	SCRAP B/M	REV	EFF-DATE	- FUTURE-
			FCTR	TYP	ST/END

---	ADDED	---	---	CHANGED	---
DATE	BY	DATE	BY	DATE	BY

SEALED
0311198d

ALCO #FSM91396F(21-024)

TMS

1.0000 EA SWITCH, XMTR, 230-250G

0 84 .0 A . 10/09/96 4/20/99 STE

PANASONIC #EVQ-PAG04K THROUGH
OMRON # B3W-1002 THROUGH HOLE.
DINBO SWITCH # DTS-61R
SECMA # TA2043000 (260GF)
HI SOURCE INT.CO.LTD. # DTS-61
AUGAT # FSM2JA

1.0000 EA ANTENNA, XMTR, UNIV

ANT

0	85	.0	A	10/09/96	4/20/99	STE
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WALEX

.0000 EA PCBA, DWG, 2 BUT, ACG XMTR

0	119	.0	A	D	10/09/96	4/20/99	STE
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.0000 EA SCHEM,2BUT 2CH,433MHZ,R
XMTR

0	120	.0	A	C	10/09/96	4/20/99	STE
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1.0000 EA CLIP, BATTERY. LEFT

CLI

0	121	.0	A	10/09/96	4/20/99	STE
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FORMERLY STOCKED IN SETS UNDER
HIROSHIMA PRECISION # 71-023-L
LUEN FAT 5T900303

1.0000 EA CLIP, BATTERY, RIGHT

CL I

0 122	.0 A	10/09/96	4/20/99	STE
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FORMERLY STOCKED IN SETS UNDER
HIROSHIMA PRECISION # 71-023-R
LUEN FAT 5T900313