



Figure 5-3. Fluke 87 A1 Main PCA (cont)

- NOTES: UNLESS OTHERWISE SPECIFIED.
- 1. ALL CAPACITANCES ARE IN MICROFARADS. TANTALUMS ARE +20%. ALL OTHERS ARE ±10%.
 - 2. ALL RESISTANCES ARE IN OHMS. ALL RESISTORS ARE 1/8W, ±5% CERMET. ±.25% & ±1% RESISTORS ARE 1/8W.

4 R1 IS A FUSIBLE RESISTOR. TO ENSURE SAFETY, USE EXACT REPLACEMENT ONLY.

REFERENCE DESIGNATION

LAST USED		NOT USED	
AR	1	AR	
BT	1	BT	
C	37	C	24, 25, 28, 29 38, 39, 40
CR	8	CR	6
E	2	E	
F	2	F	
J	2	J	
LS	1	LS	
Q	14	Q	
R	70	R	16, 21, 26, 27, 28 30, 33, 36, 40, 41 47, 49, 51, 52, 54 60, 64
RT	1	RT	
RV	2	RV	
S	10	S	
TP	7	TP	
U	6	U	3
VR	1	VR	
Y	1	Y	
Z	1	Z	
W	2		

ROTARY SWITCH INFORMATION

POSITION	FRONT	REAR	TEST ROTARY SWITCH**
OFF		1-2*	+/-12 COUNTS
ACV		1-2	0
DCV	3-4	1-2	32
mVDC	3-4	11-12	64
	3-4-5		96
	11-12		
	4-6	1-2	128
mA/A	11-12	9-8	160
		1-2*	
μA	3-4*	10-9	192

*CONNECTION NOT USED FOR OPERATION
**POWER UP OPTION
PRESS RANGE BUTTON DOWN FOR 2 SECS WHILE TURNING ON METER

