

PROCESSOR TECHNOLOGY CORPORATION

Sol-PC SINGLE BOARD TERMINAL COMPUTERTM

SECTION III

- (✓) Step 61. Install the following capacitors in the indicated locations. Take care to observe the proper value and type for each installation. Bend leads outward on solder (back) side of board, solder and trim. (Refer to NOTE in Step 2.)

CAUTION

REFER TO FOOTNOTE AT END OF THIS STEP
BEFORE INSTALLING C67.

<u>LOCATION</u>	<u>VALUE (ufd)</u>	<u>TYPE</u>
(✓) C47	.001	Disc
(✓) C48	.047	"
(✓) C49	.001	"
(✓) C50	.01	Mylar Tubular
(✓) C51	.1	Disc
(✓) C66	.1	"
(✓) C67*	1	Tantalum
(✓) C68	.1	Disc
(✓) C69	.1	"
(✓) C70	.1	"
(✓) C71	.001	"
(✓) C72	.001	Mylar Tubular
(✓) C73	.047	Disc

*Install C67 with "+" lead at top right.

- (✓) Step 62. Install miniature phone jacks in locations J6 and J7 located to the right of U101. Position J6 and J7 with jack facing right, insert pins in mounting holes and solder.
- (✓) Step 63. Install subminiature phone jacks in locations J8 and J9 in lower right corner of board. Install J8 and J9 as you did J6 and J7.
- (✓) Step 64. Install Q3 (2N4360) in its location to the left of C67. Install Q3 with its flat "side" at the bottom. Push straight down on transistor until it is stopped by the leads, solder and trim.

CAUTION

THE 2N4360 IS STATIC SENSITIVE. REFER TO
CAUTION ON PAGE III-8.

- (✓) Step 65. Install Q4 and Q5 (2N2222) in their locations above and to the left of U108. For both transistors, the emitter lead (closest to tab on can) is oriented toward the left and the base lead toward the right. Push straight down on transistor until it is stopped by the leads, solder and trim.