

## PROCESSOR TECHNOLOGY CORPORATION

Sol-PC SINGLE BOARD TERMINAL COMPUTER<sup>TM</sup>

SECTION III

<u>LOCATION</u>	<u>VALUE (ufd)</u>	<u>TYPE</u>	<u>ORIENTATION</u>
(✓) C10	.047	Disc	None
(✓) C11	.047	"	"
(✓) C13	.047	"	"
(✓) C14	.047	"	"
(✓) C15	15	Tantalum	"+" lead bottom
(✓) C16	.047	Disc	None

- (✓) Step 3. Check for +5-volt bus to ground shorts. Using an ohmmeter, measure between positive and negative mounting pads for C58. There should be no continuity. If there is, find and correct the problem before proceeding to Step 4.
- (✓) Step 4. Install the following capacitors in the indicated locations. Take care to observe the proper value, type and orientation, if applicable, for each installation. Bend leads outward on solder (back) side of board, solder and trim. (refer to NOTE in Step 2.)

<u>LOCATION</u>	<u>VALUE (ufd)</u>	<u>TYPE</u>	<u>ORIENTATION</u>
(✓) C19	.047	Disc	None
(✓) C20	.047	"	"
(✓) C21	.047	"	"
(✓) C24	.047	"	"
(✓) C25	.047	"	"
(✓) C26	.047	"	"
(✓) C33	.047	"	"
(✓) C38	.047	"	"
(✓) C40	15	Tantalum	"+" lead bottom
(✓) C41	.047	Disc	None
(✓) C42	.047	"	"
(✓) C45	.047	"	"
(✓) C56	.047	"	"
(✓) C58	15	Tantalum	"+" lead top
(✓) C59	15	Tantalum	"+" lead top
(✓) C60	15	Tantalum	"+" lead top
(✓) C65	.047	Disc	None

- ( ) Step 5. Check for +5-volt bus to ground shorts. Using an ohmmeter, measure between the positive and negative leads of C58. You should measure at least 100 ohms. Less than 100 ohms indicates a short. If required, find and correct the problem before proceeding to Step 6.

- (✓) Step 6. 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.)

(Step 6 continued on Page III-12.)