

| DESCRIPTION    | PIN # | B PROGRAM<br>PIN LOCATION | EXTRA<br>CONN.<br>PIN # | CTS-1<br>DESTINATION | CTS-1 COMPONENT<br>DESCRIPTION |
|----------------|-------|---------------------------|-------------------------|----------------------|--------------------------------|
| 16.5 VCT       | 1     | BN4                       |                         | BG4,AP5              | GND                            |
| 16.5 VCT       | A     | BT1                       |                         | BG5,A <sup>b</sup> 5 | GND                            |
| +10V UNREG     | 2     | BN3                       |                         | BF6,As3              |                                |
| +10V UNREG     | B     | BS6                       |                         | BG1                  |                                |
| VIDEO RETURN   | 3     | BN2                       |                         | BM1                  | VIDEO GND                      |
| VIDEO OUT      | C     | BS5                       |                         | BL6                  | VIDEO OUT                      |
| LED 2          | 4     | BN1                       |                         | AU5                  | LED 2                          |
| LED 1          | D     | BS4                       |                         | AU3                  | LED 1                          |
| PL2 V DIR      | 5     | BM6                       |                         | A <sup>a</sup> 3     |                                |
| PL1 V DIR      | E     | BS3                       |                         | AY6                  |                                |
| PL2 V CLK      | 6     | BM5                       |                         | A <sup>a</sup> 6     |                                |
| PL1 V CLK      | F     | BS2                       |                         | AZ3                  |                                |
| COIN COUNTER   | 7     | BM4                       |                         | AS2                  |                                |
| COIN 1 (RIGHT) | H     | BS1                       |                         | AS6                  | COIN 1                         |
| COIN 2 (LEFT)  | 8     | BM3                       |                         | AT3                  | COIN 2                         |
| PL2 H CLK      | J     |                           |                         | A <sup>a</sup> 4     |                                |
| PL1 H CLK      | 9     |                           |                         | AZ1                  |                                |
| PL2 H DIR      | K     |                           |                         | A <sup>a</sup> 1     |                                |
| PL1 H DIR      | 10    |                           |                         | AY4                  |                                |
| START 2        | L     |                           |                         | AH6                  | SW 2                           |
|                | 11    |                           |                         |                      |                                |
| START 1        | M     |                           |                         | AH3                  | SW 2                           |
|                | 12    |                           |                         |                      |                                |
|                | 13    |                           |                         |                      |                                |
|                | N     |                           |                         |                      |                                |
|                | 14    |                           |                         |                      |                                |
|                | P     |                           |                         |                      |                                |
|                | 14    |                           |                         |                      |                                |
|                | R     |                           |                         |                      |                                |

| LINE #       | PIN # | B PROGRAM<br>PIN LOCATION | CONN.<br>PIN # | CTS-1<br>DESTINATION | CTS-1 COMPONENT<br>DESCRIPTION |
|--------------|-------|---------------------------|----------------|----------------------|--------------------------------|
| TEST         | 16    | BN4                       |                | A <sup>b</sup> 6     | SW 18                          |
| C 0          | T     | BT1                       |                |                      |                                |
| SIAM         | 17    | BN3                       |                | AN6                  | S12                            |
|              | U     | BS6                       |                |                      |                                |
|              | 18    | BN2                       |                |                      |                                |
|              | V     | BS5                       |                |                      |                                |
|              | 19    | BN1                       |                |                      |                                |
|              | W     | BS4                       |                |                      |                                |
| AUDIO OUT    | 20    | BM6                       |                | BL1                  |                                |
| AUDIO RETURN | X     | BS3                       |                | AR1                  |                                |
|              | 21    | BM5                       |                |                      |                                |
|              | Y     | BS2                       |                |                      |                                |
| GND          | 22    | BM4                       |                | AT1, AH2, AN5        |                                |
|              | Z     | BS1                       |                | AS4, AH5, BL3        |                                |
|              |       | BM3                       |                |                      |                                |
|              |       | AY5                       |                | AX1                  |                                |
|              |       | AZ2                       |                | AX4                  |                                |
|              |       | A <sup>a</sup> 2          |                | AX3                  |                                |
|              |       | A <sup>a</sup> 5          |                | AX6                  |                                |
|              |       | AX5                       |                | AP3                  |                                |
|              |       | AX2                       |                | AP4                  |                                |
| 25 VAC       |       | BB2                       |                | BE1                  | VARIAC 2                       |
| 25 VAC CT    |       | BB3                       |                | BE2                  | VARIAC 2                       |
| 25 VAC       |       | BB4                       |                | BE3                  | VARIAC 2                       |
|              |       | BB4                       |                | AP6, AR2             |                                |