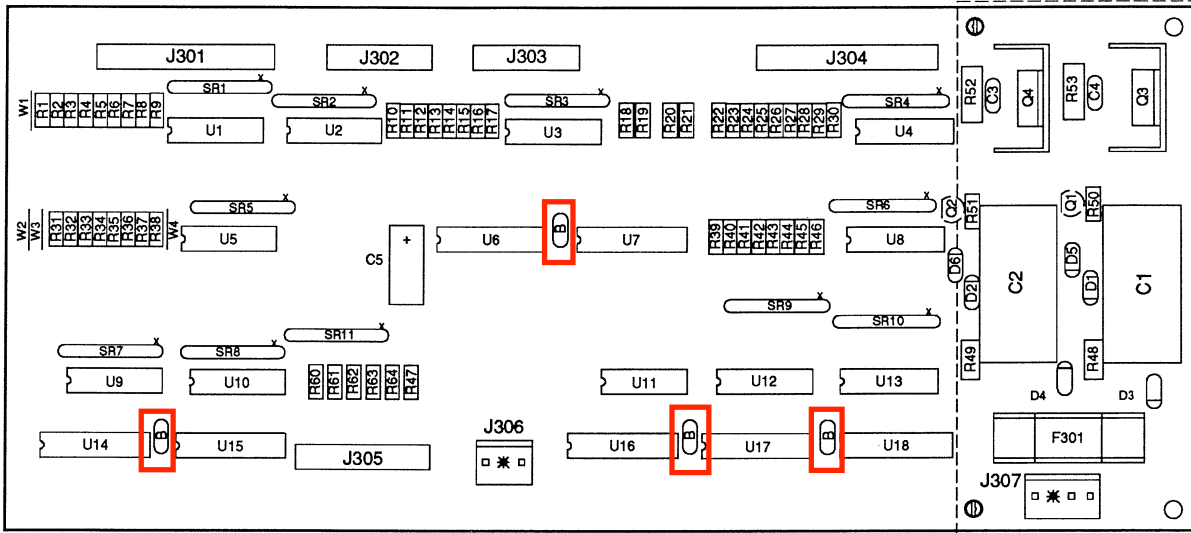


## A-12739-1 WPC Display Driver Assembly



| Part Number   | Ckt Designator   | Description                     | Part Number   | Ckt Designator    | Description                          |
|---------------|--|---------------------------------|---------------|-------------------|--------------------------------------|
| 20-9229       | Q3, Q4   | Thermal Compound                | 5043-08980-00 | B                 | Capacitor, 0.01μfd, 50v, (+80, -20%) |
| 4006-01003-06 | Q3, Q4   | Mach. Screw, 6-32 x 3/8         | 5043-09072-00 | C3, C4            | Capacitor, 0.1μfd, 500v, (+80, -20%) |
| 4406-01128-00 | Q3, Q4   | Nut, 6-32 KEPS                  | 5070-09054-00 | D3, D4            | Diode, 1N4004, 1.0A.                 |
| 5010-08991-00 | R47  | Resistor, 4.7KΩ, 1/4w, 5%       | 5075-09059-00 | D1, D2            | Zener, 1N5990, 3.9v, 1/2w            |
| 5010-09061-00 | R50, R51   | Resistor, 680Ω, 1/2w, 5%        | 5075-12650-00 | D5, D6            | Zener, 1N4763A, 91v, 1w              |
| 5010-09069-00 | R52, R53   | Resistor, 330KΩ, 1/2w, 5%       | 5164-09056-00 | Q1                | Transistor, MP5D02 NPN               |
| 5010-09085-00 | R60- R64   | Resistor, 1.5KΩ, 1/4w, 5%       | 5164-12154-00 | Q4                | Transistor, MJE15030 NPN             |
| 5010-09536-00 | R48, R49   | Resistor, 39KΩ, 1w, 5%          | 5194-09055-00 | Q2                | Transistor, MP5D52 PNP               |
| 5010-10258-00 | R3, R18 - R21, R24   | Resistor, 1MΩ, 1/4w, 5%         | 5194-12155-00 | Q3                | Transistor, MJE15031 PNP             |
| 5010-08773-00 | R4, R5, R25, R26, R33, R38, R41, R46                           | Resistor, 18KΩ, 1/4w, 5%        | 5281-09246-00 | U11               | IC, 2-4 Dec, 74LS139                 |
| 5010-09034-00 | R6, R27, R31, R34, R36, R39, R42, R44                          | Resistor, 10KΩ, 1/4w, 5%        | 5281-09486-00 | U14 - U18         | IC, Dual D Flipflop, 74LS374         |
| 5010-09219-00 | R1, R2, R7-R9, R22, R23, R28-R30, R32, R35, R37, R40, R43, R45 | Resistor, 8.2KΩ, 1/4w, 5%       | 5281-10182-00 | U6, U7            | IC, 74LS240 L/Driver                 |
| 5010-09534-00 | W3, W4   | Resistor, 0Ω                    | 5680-08969-00 | U9, U10, U12, U13 | IC, 7180 Cathode Drive               |
| 5019-10143-00 | SR11   | SIP, 9R, 10-pin, 470Ω, 5%       | 5680-08968-00 | U1, U4, U5, U8    | IC, 6184 Anode Drive                 |
| 5019-12509-00 | SR1, SR4-SR10  | SIP, 10R, 10-pin, 100KΩ, 5%     | 5705-09199-00 | Q3, Q4            | Heatsink, #6030B                     |
| 5040-08986-00 | C51  | Capacitor, 100μfd, 10v, (±20%)  | 5731-12328-00 | F301              | Fuse, 3/8A., S-B, 250v               |
| 5040-12324-00 | C1, C2   | Capacitor, 150μfd, 160v, (±50%) | 5733-12060-01 | F301              | Fuse Holder, F301                    |
|               |  |                                 | 5764-12432-00 | PCB               | PCB Display Driver                   |
|               |  |                                 | 5791-10850-00 | J305              | Connector, 26-pin STR Sq.            |
|               |  |                                 | 5791-10862-03 | J306              | Connector, 3-pin STR Sq.             |
|               |  |                                 | 5791-10862-04 | J307              | Connector, 4-pin STR Sq.             |
|               |  |                                 | 5791-12516-00 | J301, J304        | 34 HEN 2x17 STR                      |
|               |  |                                 | 03-8019-2     |                   | PCB Support Post                     |
|               |  |                                 | 01-9967       |                   | Shield                               |

Note: For Schematic refer to drawing #16-9059