

## P-ROC Connector Mappings

This table shows how P-ROC connectors map to the connectors on WPC(-S), WPC-95, Stern Whitestar, and Stern S.A.M. CPU boards.

| <b>Description</b>               | <b>P-ROC</b> | <b>WPC<br/>WPC-S</b>                   | <b>WPC-95</b> | <b>Stern<br/>Whitestar</b> | <b>Stern<br/>S.A.M</b>   |
|----------------------------------|--------------|--|---------------|----------------------------|--------------------------|
| Direct Switch Inputs 0,2,4,6     | J1           | Fliptronic - J906<br>(EOS switches)    |               |                            |                          |
| Direct Switch Inputs 1,3,5,7     | J2           | Fliptronic - J905<br>(Flipper buttons) |               |                            |                          |
| DMD                              | J3           | J603                                   | J603          | J2                         | DMD Board P2             |
| Fliptronics Data Bus             | J4           | J202                                   |               |                            |                          |
| USB                              | J5           |  |               |                            |                          |
| Direct Switch Inputs 0-7         | J6           |  |               |                            | J12<br>(Returns 9-16)    |
| Burst Switch drivers/inputs      | J7-J14       |  |               |                            |                          |
| Direct Switch Inputs 8-15        | J15          |  |               | CN6                        | J2<br>(Dedicated 1-8)    |
| Multipurpose WPC                 | J16          | J212<br>(pins 1-8 only)                | J212          |                            |                          |
| Direct Switch Inputs<br>(unused) | J17          |  |               |                            |                          |
| Direct Switch Inputs 8-15        | J18          | J205                                   | J205          |                            |                          |
| Matrix Switch Outputs 0-7        | J19          | J207<br>(WPC-S: pins 1-9 only)         | J207          |                            |                          |
| Matrix Switch Outputs 0-7        | J20          | J206<br>(WPC-S: pins 1-9 only)         | J206          |                            |                          |
| Matrix Switch Outputs 0-7        | J21          |  |               | CN5                        | J1                       |
| Matrix Switch Inputs 0-7         | J22          | J209                                   | J209          |                            |                          |
| Multipurpose WPC                 | J23          | J208<br>(pins 1-9 only)                | J208          |                            |                          |
| Matrix Switch Inputs 0-7         | J24          |  |               | CN7                        | J6                       |
| Direct Switch Inputs<br>24-31    | J25          |  |               |                            | J13<br>(Dedicated 17-24) |
| Power (Computer)                 | J26          |  |               |                            |                          |
| Driver Data/Enables              | J27          | J211                                   | J211          |                            |                          |
| Direct Drivers 0-15              | J28          |  |               |                            |                          |
| Direct Drivers 16-31             | J29          |  |               |                            |                          |
| Driver Data/Enables              | J30          |  |               | CN1                        | J9                       |
| Power (Stern)                    | J31          |  |               | CN2                        | J11                      |
| Power (WPC)                      | J32          | J210                                   | J210          |                            |                          |
| Direct Switch Inputs 16-23       | J33          |  |               |                            | J3                       |
| Local Control Port               | J34          |  |               |                            |                          |

|                    |     |      |  |  |  |
|--------------------|-----|------|--|--|--|
| FPGA JTAG          | J35 |      |  |  |  |
| Display Port (WPC) | J36 | J204 |  |  |  |