

## 60MHz PMAC Jumper Configuration

| E-POINT      | JUMPER | LOCATION | E-POINT      | JUMPER | LOCATION |
|--------------|--------|----------|--------------|--------|----------|
| E0           | OUT    | D1       | E50          | IN     | C2       |
| E1           | 1&2    | D1       | E51 (Note 2) | OUT    | C2       |
| E2           | 1&2    | D1       | E55          | OUT    | B4       |
| E3           | IN     | E4       | E57          | OUT    | C4       |
| E4           | IN     | E4       | E58          | OUT    | C4       |
| E5           | IN     | E4       | E59          | OUT    | C4       |
| E6           | IN     | E4       | E61 (Note 3) | OUT    | C4       |
| E7           | 1&2    | C1       | E62          | OUT    | C4       |
| E9           | IN     | E1       | E63          | OUT    | C4       |
| E10          | IN     | E1       | E65 (Note 3) | OUT    | C4       |
| E13          | IN     | E1       | E66          | OUT    | C4       |
| E14          | IN     | E1       | E67          | IN     | C4       |
| E17A         | OUT    | F1       | E68          | IN     | C4       |
| E17B         | OUT    | F1       | E69          | IN     | C4       |
| E17C         | OUT    | F1       | E70          | IN     | C4       |
| E17D         | OUT    | F1       | E71          | OUT    | C4       |
| E22          | OUT    | E2       | E72          | IN     | D2       |
| E23          | OUT    | E2       | E73          | IN     | D2       |
| E24          | 1-2    | F2       | E74          | OUT    | D2       |
| E25          | 2-3    | F2       | E75          | OUT    | D2       |
| E26          | 2-3    | F2       | E76          | OUT    | D4       |
| E27          | 2-3    | F3       | E77          | OUT    | D4       |
| E28          | 2-3    | D4       | E78          | OUT    | D4       |
| E29          | OUT    | D3       | E79          | OUT    | D4       |
| E30          | OUT    | D3       | E80 (Note 3) | OUT    | D4       |
| E31          | IN     | D3       | E81          | OUT    | E4       |
| E32          | OUT    | D3       | E82          | OUT    | E4       |
| E33          | OUT    | D3       | E83          | IN     | E4       |
| E34          | OUT    | C4       | E84          | OUT    | E4       |
| E34A         | IN     | B3       | E85          | OUT    | F4       |
| E35          | OUT    | B3       | E86          | OUT    | E4       |
| E36          | OUT    | B3       | E87          | OUT    | F4       |
| E37          | OUT    | B3       | E88          | OUT    | F4       |
| E38          | OUT    | C3       | E89          | IN     | F3       |
| E39          | OUT    | C3       | E90          | 1&2    | F3       |
| E40          | IN     | C3       | E91          | IN     | C4       |
| E41          | IN     | C3       | E92          | IN     | C4       |
| E42          | IN     | C2       | E93          | OUT    | C4       |
| E43          | IN     | C2       | E94          | OUT    | C4       |
| E44          | OUT    | C3       | E98          | 1&2    | D4       |
| E45          | IN     | C3       | E101         | 1&2    | F1       |
| E46          | IN     | C3       | E102         | 1&2    | F1       |
| E47          | OUT    | C3       | E103         | OUT    | A1       |
| E48 (Note 1) | IN     | C2       | E104         | OUT    | B4       |
| E49          | IN     | C2       | E105         | OUT    | B4       |

## 60MHz PMAC Jumper Configuration

- Note 1:** In for 0 (zero) wait state ram.
- Note 2:** Used for resetting PMAC.
- Note 3:** These jumpers should be IN if using NANOPATH software.
- Note:** Jumper E1 on Dual Port Ram board should be IN

### **The following is for information only.**

#### **Differences for Variform over standard setup.**

- E3 jumper added to positions 1-2.
- E25 jumper should be in position 2-3. (Enables differential inputs – spindle encoder).
- E31 jumper should be IN.
- E30 jumper should be OUT.
- E83 jumper should be IN. (Enables rotary buffer interrupt at IRQ5).

#### **Differences for Nanopath over Variform setup.**

The following jumpers should be ADDED.

E61, E65, and E80.