The specification will use the Average port in the main JB. This function uses the output on connection 23 (Reading Toggle Bit) of the main JB to toggle between readings. When this bit changes states the latest reading is output on the reading bus, but should not be considered valid for 5ms. Connection 24 (Board Toggle Bit) will toggle between boards. When connection 24 changes states the average reading that NMI has read will be put on the average bus. It will be valid from 5 ms after the transition on the Board Toggle Bit until the next transition the Reading Toggle Bit. The connection map and timing diagram are as follows:

Connection Map for Handoff

Function	Main JB Connection
MC Average/Reading Bit 0	17
MC Average/Reading Bit 1	18
MC Average/Reading Bit 2	19
MC Average/Reading Bit 3	20
MC Average/Reading Bit 4	21
MC Average/Reading Bit 5	22
Reading Toggle Bit	23
Board Toggle Bit	24
Painter 1 output	5
Painter 2 output	6
Painter 3 output	7

Timing Diagram for Handoff

→	Solid Arrow = Toggle Occurs
- - - →	Dashed Arrow = Reading valid (5 ms after toggle)

Reading Toggle

Board Toggle