B4 Arithmetic Extension Kit
Control Unit Configuration

Applies to control unit hardware revision 1.4.3
Document revision 1.1
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The control unit has six configurable connectors (labelled J1 to J6) to adjust the precise timing of the control unit functions to account for variations of the speed of the integrated circuits that have been used in the manufacturing process. For hardware revision 1.4.3 of the control unit, we recommend the following settings to achieve optimal outcomes of the experiments:

1. Jumpers J2, J3, J4 and J6 remain in place

2. Using a 1-pin control wire:
   a. Connect lower pin of J1 to CLK+10 on the Control Unit
   b. Connect lower pin of J5 to CLK on the Program Counter.