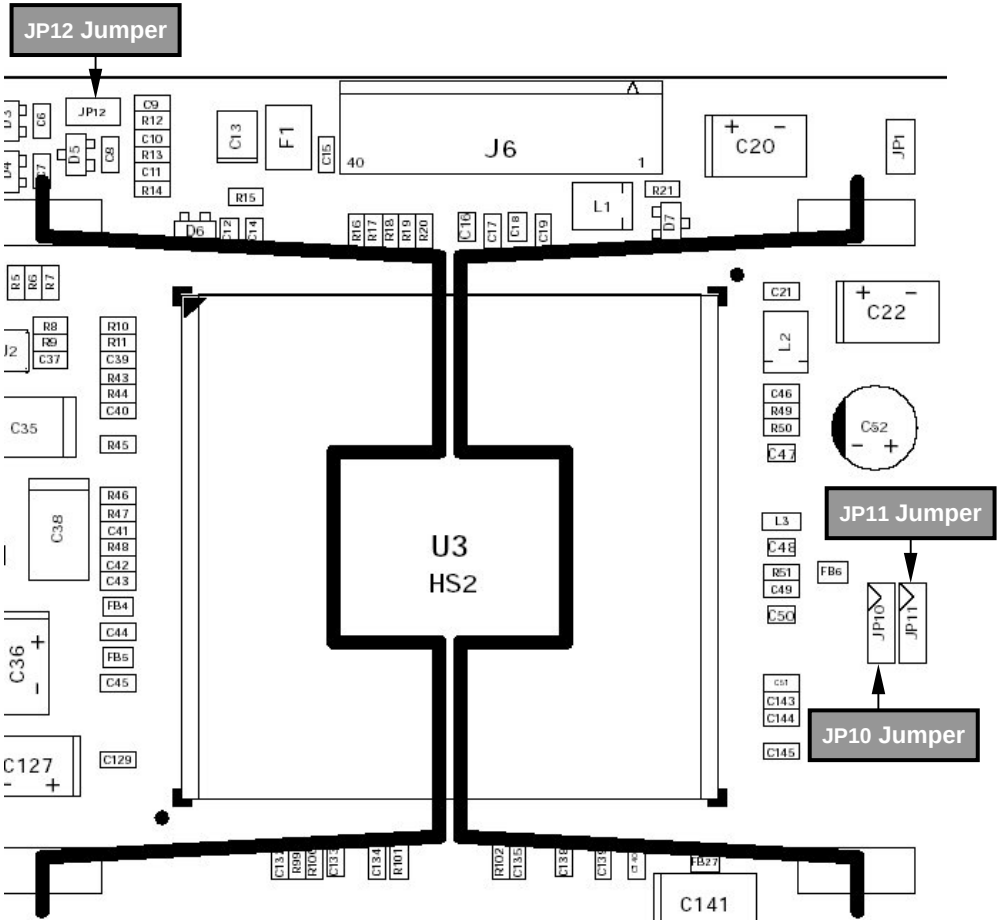
Prior to CPU Installation

The jumpers JP10, JP11 and JP12 must be set before starting-up, corresponding to the installed CPU!

The jumper setting are necessary only if the PCI-955 board is delivered without CPU and you install an Intel® Pentium® M / Intel® Celeron® M CPU.

Kontron recommend to install only the Intel® Pentium® M / Intel® Celeron® M processors indicated in the PCI-955 user's manual.

Please refer to the Intel® Datasheet of the CPU before you attempt to install the processor.



PCI-955 CPU Board (detail with jumpers locations)

Jumpers Settings

Pin Header; DIP 2-pin	Setting	Function
JP12		
1 □ □ 2	Pin 1-2 Open	If you install an Intel® CPU with 1V5 VCCA;
1 ■ 2	Pin 1-2 Short/Closed	If you install an Intel® CPU with 1V8 VCCA **delivery setting**

Pin Headers; DIP 3-pin		Setting	Function
JP10	JP11		
1 □ □ □ 3	1 □ □ □ 3	Pin 1-3 Open	For jumper settings refer to the table below.
1 ■ □ 3	1 ■ □ 3	Pin 1-2 Short/Closed	
1 □ ■ 3	1 □ ■ 3	Pin 2-3 Short/Closed	**delivery setting**

CPU	Stepping	JP10	JP11
FSB400 (Banias)		opened	closed 1-2
FSB400 (Dothan A)	A#	opened	closed 1-2
FSB533 (Dothan A)	A#	closed 1-2	closed 1-2
FSB400/533 Auto	B# or higher	closed 2-3	closed 2-3

CPU's with stepping code that include "A#" operate only with 400 MHz or only with 533 MHz FSB.

CPU's with stepping code that include "B#" or higher support auto-detection of the FSB.

For technical support, please contact our Technical Support department:
E-mail: techsup@kontron.com