

From: FK *Product:* MSMJ104/ all PCMCIA interfaces with VG468
To: Customer/Support *Version:* V?
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Problem with booting from a PCMCIA cards or accessing I/O-Cards:

Problem: The bootsequence of from a PCMCIA card may be very slow. We know cases with duration of several minutes, until the operating system comes up.

Impact: The problem is VG486 and the new SCM-software version specific. With older SCM driver version this problem is never observed.

Two cases are known:

1. the READY signals of the PCMCIA must be pulled up with 10k.
2. the reference clock of the VG468/465 must be free of capacitive loads.

Solution:

1. Check that the pullup's are connected to the READY pin (Pin 16 RDY / Pin 17 Vcc).
On Digital-Logic products this issue is solved since april 1996.
On other product this resistor must be added between Pin 16 and Pin 17.
2. Check the BUSCLK (8 / 10 / 12.5Mhz) and the ATCLK (14.3Mhz) lines on the bus or buspanel. Both lines must be free of capacitors or other load.

REMARK: MSMJ104 uses the BUSCLK as reference clock !

Longterm Solution: none