

**Known Problems of the MB90670/675 Series****© Fujitsu Mikroelektronik GmbH**

Vers. 1.0 by E. Bendels

Buglist of the MB90670/675 series

1.) Successive usage of the MOV @AL,AH instruction

if MOV @AL,AH is used twice in an immediate successive way,  
the 1<sup>st</sup> write to memory does not write valid data.

Countermeasure: place a NOP before the second instruction

Note: The C-Compiler will avoid this problem.

2.) Double memory read on following instructions

```
MOV  A,@A  
MOVX A,@A  
MOVW A,@A
```

If these instructions are used, the address memory location is actually read twice.

Countermeasure: avoid these instructions if this is a problem.