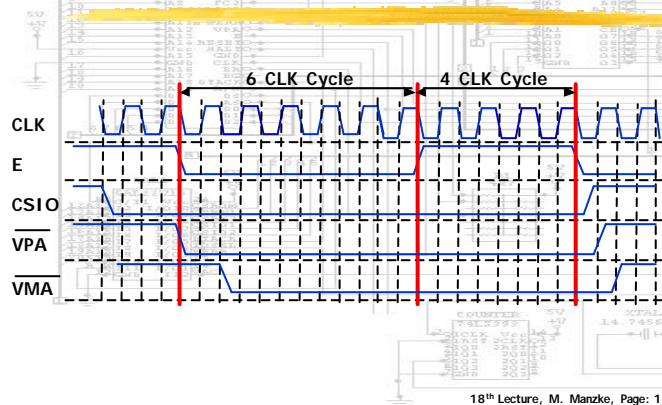
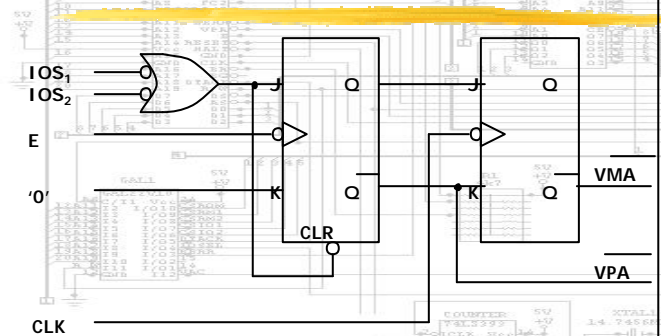


VPA and VMA Generation (2)

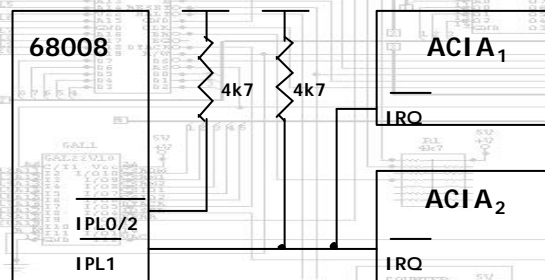


VPA and VMA Generation (3)



[see figure 4-2 on page 4-4 of handout]

Interrupt Hardware



Interrupt Hardware

| IPL0/2 | IPL1 | Level | |
|--------|------|-------|--------------|
| 1 | 1 | 0 | no interrupt |
| 0 | 1 | 2 | |
| 1 | 0 | 5 | |
| 0 | 0 | 7 | NMI |

► Two identical I/O devices share interrupt.

► Avoids priority problems