

## MC68HC705X32 (0D69J)



Figure 1 /EZS-001 module/



Figure 2 /Mask set 0D69J/

MCU: MC68HC705X32: option register data - \$FE (secured)

- 1 step: Remove MCU from target board
- 2 step: Solder MCU on the programming adapter
- 3 step: Insert programming adapters to the socket according to the first pin orientation
- 4 step: Jumper JP1 must be mounted to the "3-4" position (See Figure 3)
- 5 step: Power ON power supply source
- 6 step: Make sure RAM-TEST led appear to the green color and CONDITION led appear to the red color

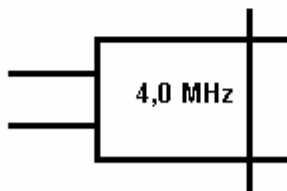
7 step: Start etluniprogram.exe software

**Jumper set table**

1-2	3-4	5-6	7-8
MC68HC705B16 MC68HC705X16	MC68HC705B32 MC68HC705X32	MC68HC05B6 MC68HC05B16 MC68HC05B32	MC68HC05X16 MC68HC05X32

**Note: Select explore device accordind with Jumper set table.**  
**Exapmle: 1-2 Open**  
**3-4 open**  
**5-6 Short**  
**7-8 Open**

MC68HC05B6 device selected



- RAM-TEST
- READ-WRITE  
GREEN - READING  
RED - PROGRAMMING
- CONDITION  
GREEN - SECURITY DEACTIVATED  
RED - SECURITY BIT ACTIVATED

OO

 — 1-2
 

OO

 — 3-4
 

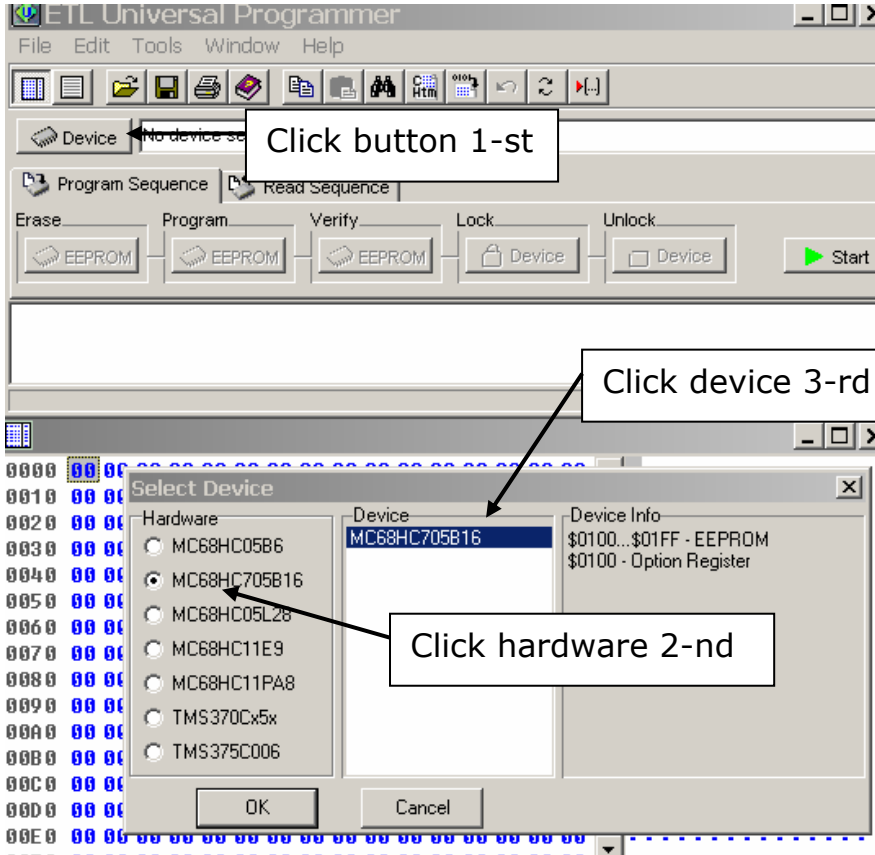
OO

 — 5-6
 

OO

 — 7-8

Figure 3 /Jumper allocation table/



Click button 1-st

Click device 3-rd

Click hardware 2-nd

Figure 4 /Select device/

8 step: Select device (See Figure 4)

9 step: Select Read Sequence -> "Read" button -> Start button

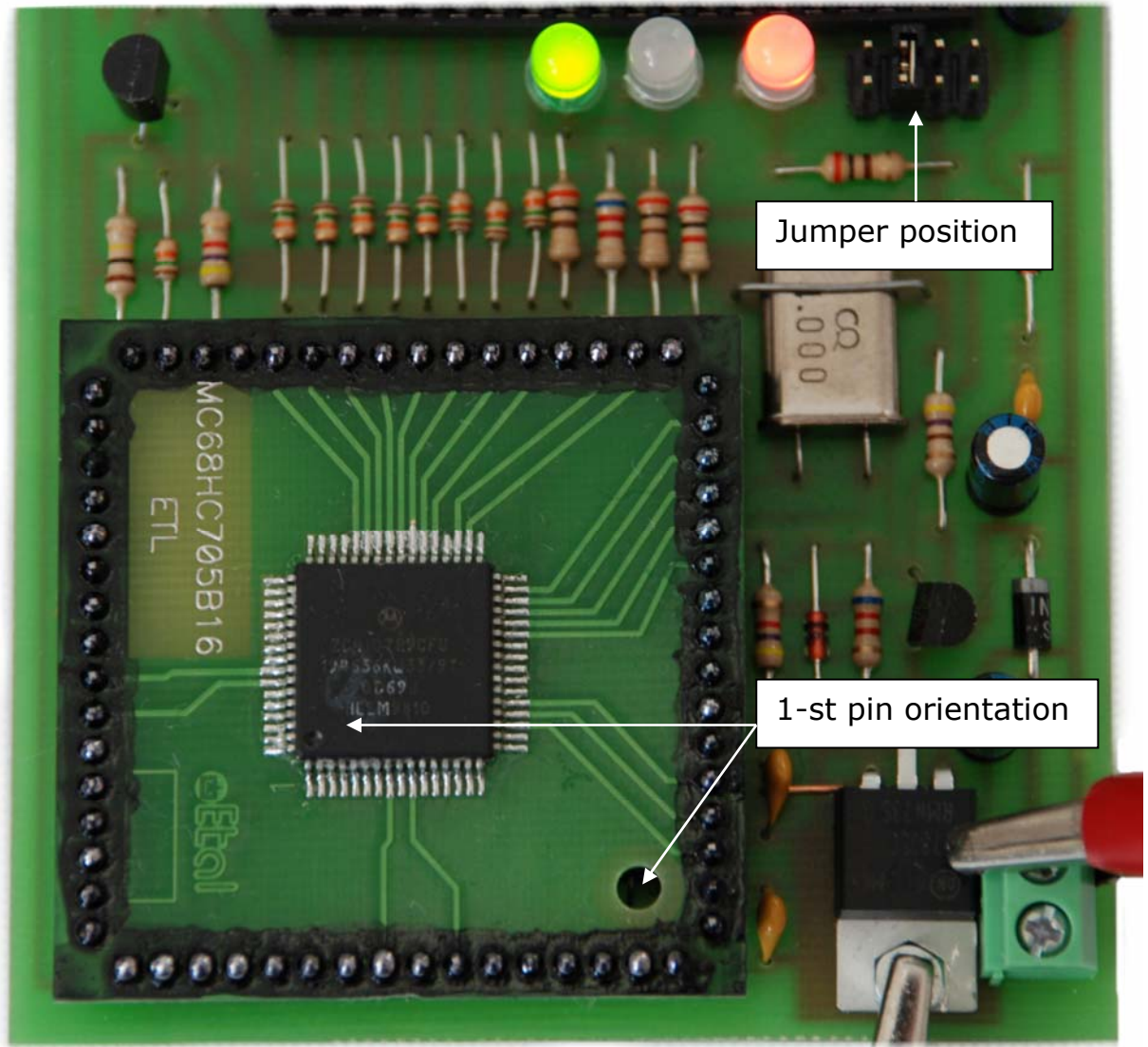


Figure 5 /On board/

RAM	: 528 Bytes
EPROM	: 31232 Bytes
VECTORS	: 16 Bytes

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EEPROM	: 256 Bytes
\$0100 - \$011F	: Part 1 of EEPROM array
\$0120 - \$01FF	: Part 2 of EEPROM array

The protection will remind until the next POWER-ON ONLY!!!