

MOVLB

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MOVLB Move literal to low nibble in BSR

Syntax: [*label*] MOVLB k

Operands: $0 \leq k \leq 255$

Operation: $k \rightarrow \text{BSR}$

Status Affected: None

| | | | | |
|-----------|------|------|------|------|
| Encoding: | 0000 | 0001 | kkkk | kkkk |
|-----------|------|------|------|------|

Description: The 8-bit literal 'k' is loaded into the Bank Select Register (BSR).

Words: 1

Cycles: 1

Q Cycle Activity:

| Q1 | Q2 | Q3 | Q4 |
|--------|------------------|--------------|--------------------------|
| Decode | Read literal 'k' | Process Data | Write literal 'k' to BSR |

Example: MOVLB 5

Before Instruction

BSR register = 0x02

After Instruction

BSR register = 0x05

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