NEGF

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NEGF	Negate f
Syntax:	[*label*] NEGF f [,a]
Operands:	$0 \le f \le 255$ $a \in [0,1]$
Operation:	$(\overline{f}) + 1 \rightarrow f$
Status Affected:	N, OV, C, DC, Z
Encoding:	0110 110a ffff ffff
Description:	Location 'f' is negated using two's complement. The result is placed in the data memory location 'f'. If 'a' is 0, the Access Bank will be selected, overriding the BSR value. If 'a' = 1, then the bank will be selected as per the BSR value.
Words:	1
Cycles:	1

Q Cycle Activity:

Q1	Q2	Q3	Q4
Decode	Read register 'f'	Process Data	Write register 'f'

Example:

```
NEGF    REG, 1
```

Before Instruction

```
REG  =  0011 1010 [0x3A]
```

After Instruction

```
REG  =  1100 0110 [0xC6]
```

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