COMF

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COMF	Complement f
Syntax:	[*label*] COMF f [,d [,a]
Operands:	$0 \le f \le 255$ $d \in [0,1]$ $a \in [0,1]$
Operation:	$(\overline{f}) \rightarrow dest$
Status Affected:	N, Z

Encoding:

0001	11da	ffff	ffff

Description: The contents of register 'f' are complemented. If 'd' is 0, the result is stored in W. If 'd' is 1, the result is stored back in register 'f' (default). 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 (default).

Words: 1

Cycles: 1

Q Cycle Activity:

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

Example: COMF   REG, 0, 0

Before Instruction
REG   =   0x13

After Instruction
REG   =   0x13
W   =   0xEC

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