

INCF**Increment f**

Syntax: `[label] INCF f [,d [,a]]`

Operands: $0 \leq f \leq 255$
 $d \in [0,1]$
 $a \in [0,1]$

Operation: $(f) + 1 \rightarrow \text{dest}$

Status Affected: C, DC, N, OV, Z

Encoding:	0010	10da	ffff	ffff
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Description: The contents of register 'f' are incremented. If 'd' is 0, the result is placed in W. If 'd' is 1, the result is placed 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: `INCF CNT, 1, 0`

Before Instruction

CNT = 0xFF
 Z = 0
 C = ?
 DC = ?

After Instruction

CNT = 0x00
 Z = 1
 C = 1
 DC = 1