DECF

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DECF	Decrement f
Syntax:	[*label*] DECF f [,d [,a]
Operands:	0 ≤ f ≤ 255 d ∈ [0,1] a ∈ [0,1]
Operation:	(f) – 1 → dest
Status Affected:	C, DC, N, OV, Z
Encoding:	0000 01da ffff ffff
Description:	Decrement register 'f'. 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: `DECF CNT, 1, 0`

Before Instruction
CNT = 0x01
Z = 0

After Instruction
CNT = 0x00
Z = 1

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