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## **AXFLAG**

Convert floating-point condition flags from Arm to external format. This instruction converts the state of the PSTATE. {N,Z,C,V} flags from a form representing the result of an Arm floating-point scalar compare instruction to an alternative representation required by some software.

## System (FEAT\_FlagM2)

```
31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 1 1 0 1 0 1 0 1 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 1 0 1 1 1 1 1 1 1 CRm
```

## **AXFLAG**

```
if !IsFeatureImplemented(FEAT_FlagM2) then UNDEFINED;
```

## **Operation**

```
bit z = PSTATE.Z OR PSTATE.V;
bit c = PSTATE.C AND NOT(PSTATE.V);

PSTATE.N = '0';
PSTATE.Z = z;
PSTATE.C = c;
PSTATE.V = '0';
```

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 $Internal\ version\ only:\ is a\ v33.64,\ AdvSIMD\ v29.12,\ pseudocode\ no\_diffs\_2023\_09\_RC2,\ sve\ v2023-06\_rel\ ;\ Build\ timestamp:\ 2023-09-18T17:56$ 

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