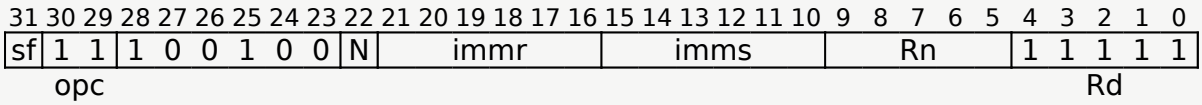
TST (immediate)

Test bits (immediate), setting the condition flags and discarding the result

```
: Rn AND imm.
```

This is an alias of ANDS (immediate). This means:

- The encodings in this description are named to match the encodings of ANDS (immediate).
- The description of ANDS (immediate) gives the operational pseudocode, any constrained unpredictable behavior, and any operational information for this instruction.



32-bit (sf == 0 && N == 0)

```
TST <Wn>, #<imm>
```

is equivalent to

```
ANDS WZR, <Wn>, #<imm>
```

and is always the preferred disassembly.

64-bit (sf == 1)

```
TST <Xn>, #<imm>
```

is equivalent to

```
ANDS XZR, <Xn>, #<imm>
```

and is always the preferred disassembly.

Assembler Symbols

<Wn>	Is the 32-bit name of the general-purpose source register, encoded in the "Rn" field.
<Xn>	Is the 64-bit name of the general-purpose source register, encoded in the "Rn" field.
<imm>	For the 32-bit variant: is the bitmask immediate, encoded in "imms:immr".

For the 64-bit variant: is the bitmask immediate, encoded in "N:imms:immr".

Operation

The description of ANDS (immediate) gives the operational pseudocode for this instruction.

Internal version only: isa v33.64, AdvSIMD v29.12, pseudocode no_diffs_2023_09_RC2, sve v2023-06_rel ; Build timestamp: 2023-09-18T17:56