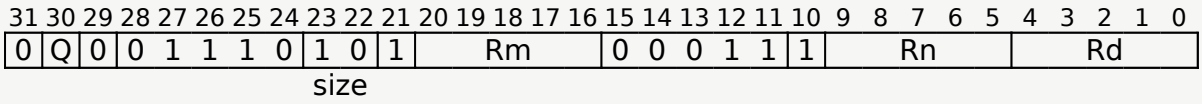
MOV (vector)

Move vector. This instruction copies the vector in the source SIMD&FP register into the destination SIMD&FP register.
Depending on the settings in the *CPACR_EL1*, *CPTR_EL2*, and *CPTR_EL3* registers, and the current Security state and Exception level, an attempt to execute the instruction might be trapped.

This is an alias of ORR (vector, register). This means:

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




```
MOV <Vd>.<T>, <Vn>.<T>
```

is equivalent to

```
ORR <Vd>.<T>, <Vn>.<T>, <Vn>.<T>
```

and is the preferred disassembly when `Rm == Rn`.

Assembler Symbols

<Vd> Is the name of the SIMD&FP destination register, encoded in the "Rd" field.

<T> Is an arrangement specifier, encoded in “Q”:

Q	<T>
0	8B
1	16B

<Vn> Is the name of the first SIMD&FP source register, encoded in the "Rn" field.

Operation

The description of ORR (vector, register) gives the operational pseudocode for this instruction.

Operational information

If PSTATE.DIT is 1:

- The execution time of this instruction is independent of:
  - The values of the data supplied in any of its registers.
  - The values of the NZCV flags.
- The response of this instruction to asynchronous exceptions does not vary based on:
  - The values of the data supplied in any of its registers.
  - The values of the NZCV flags.

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