

## Assembler Symbols

<T>

Is an arrangement specifier, encoded in “size:Q”:

size	Q	<T>
00	0	8B
00	1	16B
01	0	4H
01	1	8H
10	0	RESERVED
10	1	4S
11	x	RESERVED

## Operation

```
CheckFPAdvSIMDEnabled64();  
bits(datasize) operand = V[n, datasize];  
V[d, esize] = Reduce(ReduceOp\_ADD, operand, esize);
```

## 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.

[Base  
Instructions](#)

[SIMD&FP  
Instructions](#)

[SVE  
Instructions](#)

[SME  
Instructions](#)

[Index by  
Encoding](#)

[Sh  
Pseud](#)

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

Copyright © 2010-2023 Arm Limited or its affiliates. All rights reserved. This  
document is Non-Confidential.