

<Zm>	Is the name of the second source scalable vector register, encoded in the "Zm" field.
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Operation

```
CheckSVEEnabled();  
constant integer VL = CurrentVL;  
constant integer elements = VL DIV esize;  
bits(VL) operand1 = Z[n, VL];  
bits(VL) operand2 = Z[m, VL];  
bits(VL) result;  
  
for e = 0 to elements-1  
    integer element1 = UInt(Elem[operand1, 2*e + 1, esize DIV 2]);  
    integer element2 = UInt(Elem[operand2, 2*e + 1, esize DIV 2]);  
    integer res = element1 * element2;  
    Elem[result, e, esize] = res<esize-1:0>;  
  
Z[d, VL] = result;
```

Operational information

If FEAT_SVE2 is implemented or FEAT_SME is implemented, then 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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