

DCPS3

Debug Change PE State to EL3, when executed in Debug state:

- If executed at EL3 selects SP_EL3.
- Otherwise, changes the current Exception level and SP to EL3 using SP_EL3.

The target exception level of a DCPS3 instruction is EL3.

On executing a DCPS3 instruction:

- [ELR_EL3](#) becomes unknown.
- [SPSR_EL3](#) becomes unknown.
- [ESR_EL3](#) becomes unknown.
- [DLR_EL0](#) and [DSPSR_EL0](#) become unknown.
- The endianness is set according to [SCTLR_EL3](#).EE.

This instruction is undefined at all exception levels if either:

- [EDSCR](#).SDD == 1.
- EL3 is not implemented.

This instruction is always undefined in Non-debug state.

For more information on the operation of the DCPS<n> instructions, see [DCPS](#).

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	0	1	0	1	imm16																0	0	0	1	1
																												LL			

DCPS3 {#<imm>}

```
if !Halted() then UNDEFINED;
```

Assembler Symbols

<imm> Is an optional 16-bit unsigned immediate, in the range 0 to 65535, defaulting to 0 and encoded in the "imm16" field.

Operation

```
DCPSInstruction (LL);
```

