Unleash Innovation

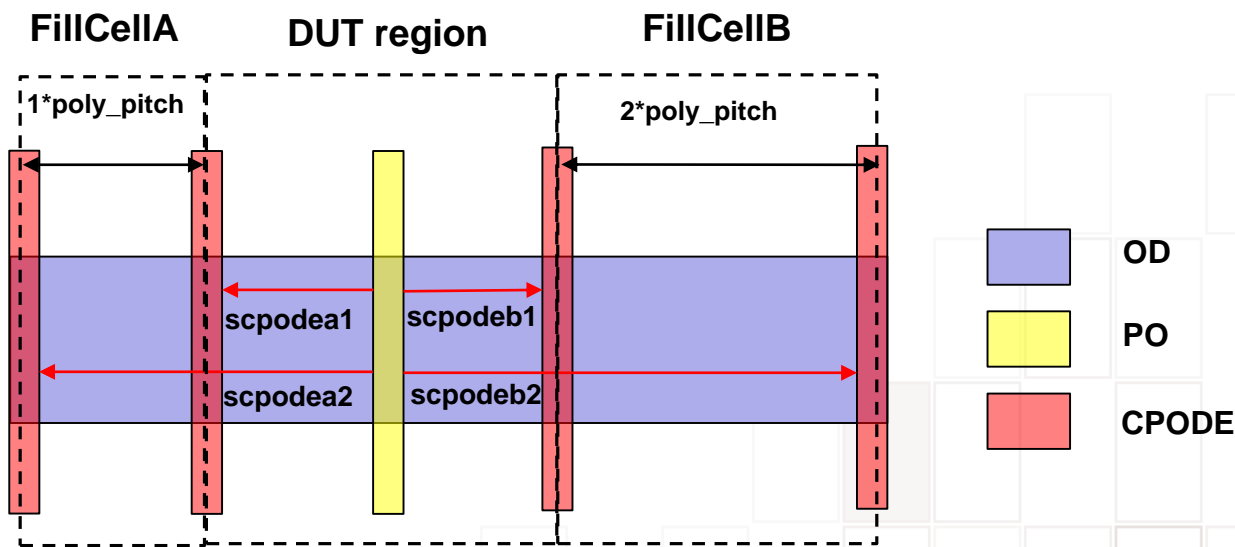# N3 Parameterized CPODE Introduction

LVSRCE/DMKD

Parameterized CPODE introduction (1/2)

- **Parameterized CPODE Utility is used to parameterize the following two CPODE arguments**
  - **scpodea2: gate to second left CPODE distance**
  - **scpodeb2: gate to second right CPODE distance**
- **These two parameters can be extracted as**

  scpodea2 = scpodea1 + L0_SCPD_N*poly_pitch

  scpodeb2 = scpodeb1 + R0_SCPD_N*poly_pitch

  - **The values of L0_SCPD_N, R0_SCPD_N and poly_pitch depend on the environment**

Parameterized CPODE introduction (2/2)

- **To enable parameterization, the layout needs two additional CAD layers**
    - **DUT (206;200): to enclose DUT region**
    - **DUT_ROW_ID_TEXT (206;201): to place text on OD (6;0) for each row in DUT region**