

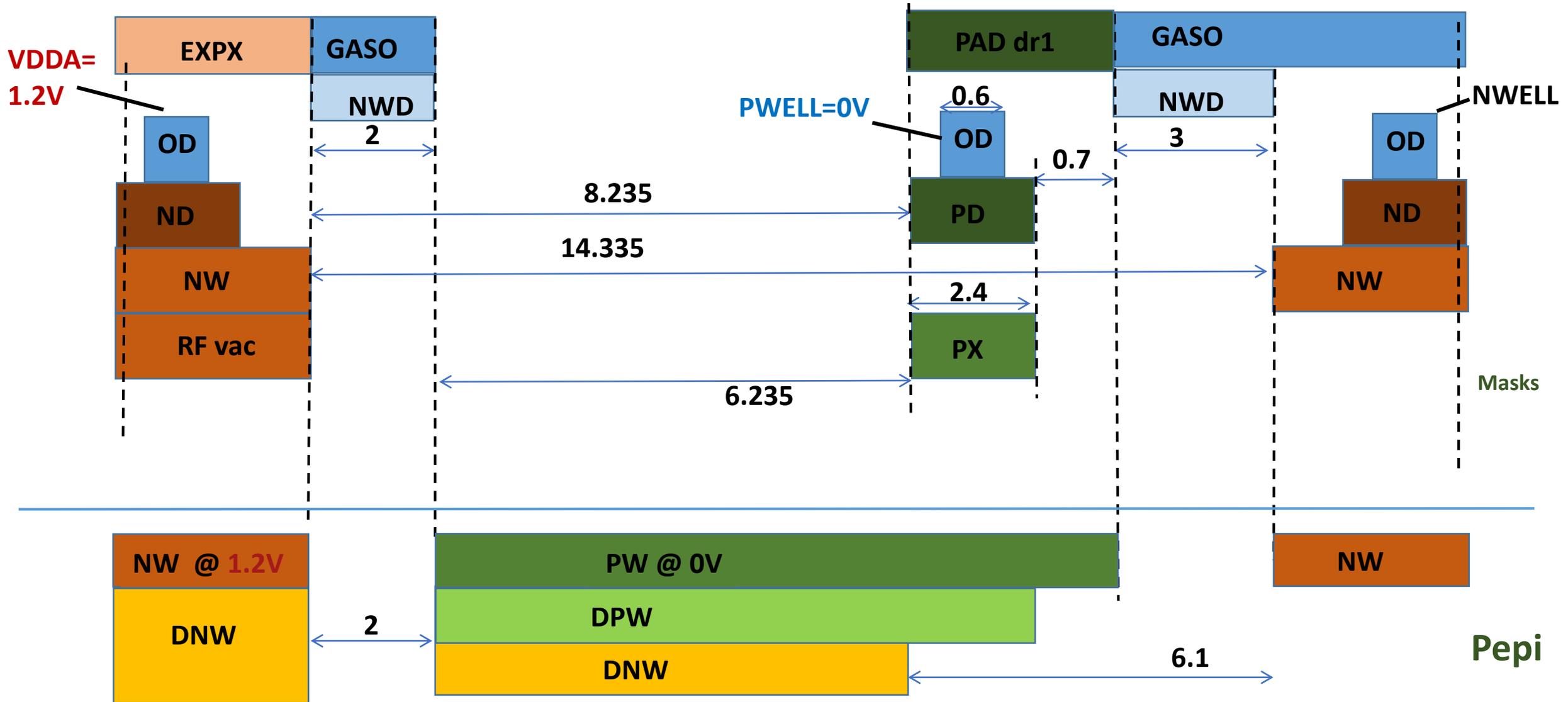
Punch-Through effect in CE65

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17/02/2022, 01/03/2022

Layout cut, um units. Floating NWELL potential = 1.2, If connect with R=1M resistor to 3.3V, the current I=2uA via resistor, If R = 10k, I=150uA

digital

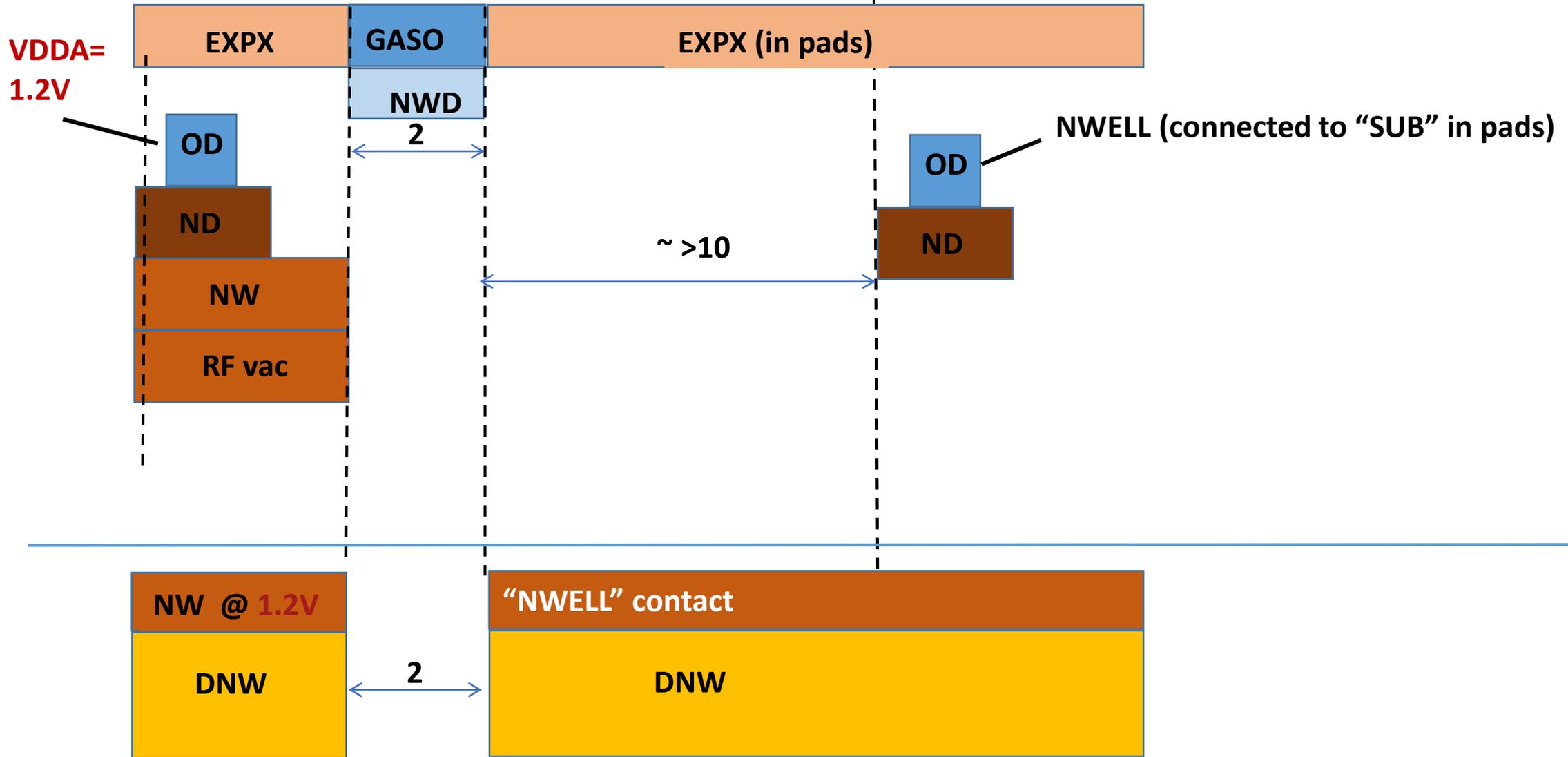
separation



Layout cut, um units. Floating NWEELL potential = 1.2, If connect with R=1M resistor to 3.3V, the current I=2uA via resistor, If R = 10k, I=150uA

Small digital block (tie)

PADS



Masks

Pepi

Seal ring metal rings connected to ND and PD are connected to PWELL

