

Impedance analyzer– Agilent 4294A

- Measure **CV (Capacitance-Voltage)** of layers
- Extract **D_{it} (defect density)**
- Test Frequency: 40 Hz to 110 MHz
- DC Bias Level: 0V to ± 40 V
- OSC Level: 5mV to 1V / 200 μ A to 20mA
- Sweep Parameter: Frequency, AC voltage, AC current, DC bias voltage, DC bias current

