

SRP SPREADING Resistance Profile System

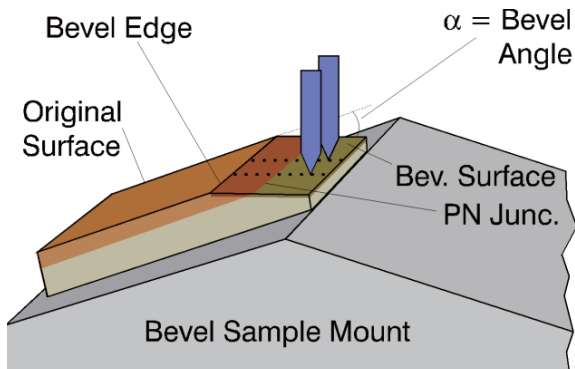
SRP 扩展电阻测试

SRP System Provide high speed carrier density and resistivity depth profiling using spreading resistance profiling technology(SRP).

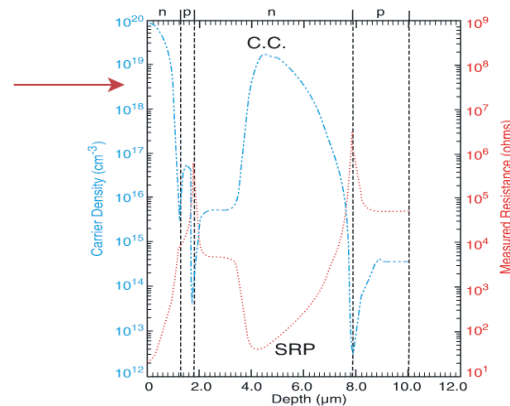
SRP 测试系统，采用扩展电阻率技术(SRP)，对载流子浓度和电阻率随深度的变化做快速测试。

Capability:

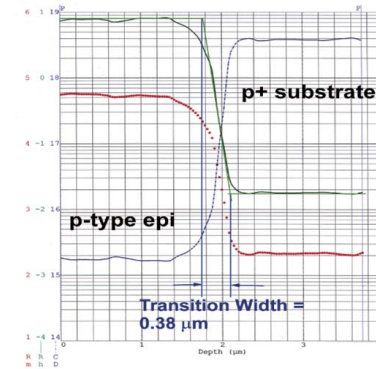
- Junction depth 结深度测试
- Transition width 过渡层宽度
- Implant peak, retained dose, sheet resistance 注入浓度和峰值，方块电阻
- Resistivity & carrier density 电阻率和载流子浓度



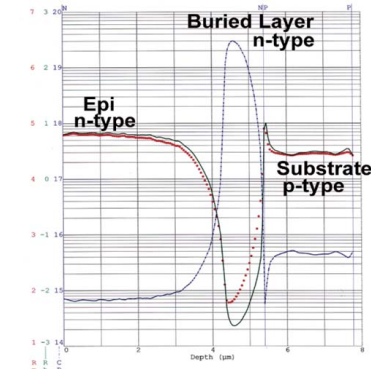
Standard SRP setup



Carrier Density Analysis



p on p+ epi transition width



n-doped Epi on Sb Buried Layer