



LEIGHTON ELECTRONICS INC.

LEIGHTON ELECTRONICS, INC.

Quality Service Since 1963
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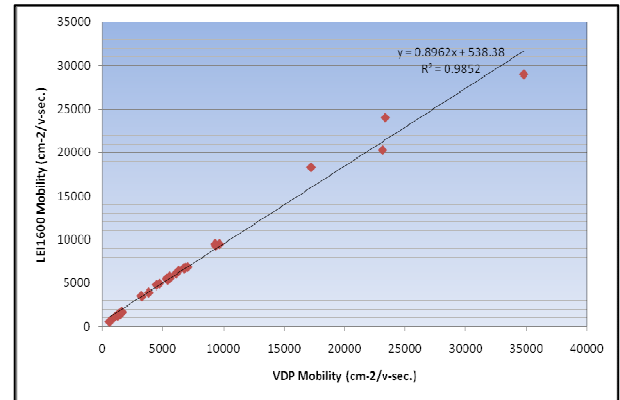
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Contactless Alternative to Hall Mobility LEI Model 1605 Mobility System

- ❖ Non-destructive
- ❖ Faster
- ❖ Lower cost
- ❖ Mobility: ~ 600 - 20,000 cm²/v.sec
- ❖ Sheet resistance: ~ 100 - 3,000 Ω / □
- ❖ Good correlation with VDP
- ❖ Improved repeatability
- ❖ Provide instant feedback
- ❖ Increase semiconductor quality
- ❖ Mapping capability
- ❖ Lower operating cost
- ❖ Eliminate the need for time Consuming sample preparation, mobility change caused by cleaving and contact making



LEI Model 1605 Manual Positioning
(Automatic positioning and Electromagnet also available)



Correlation of mobility data obtained by van der Pauw Hall Measurements

1605

LEI



**Ideal for
pHEMT
HEMT
Structures**