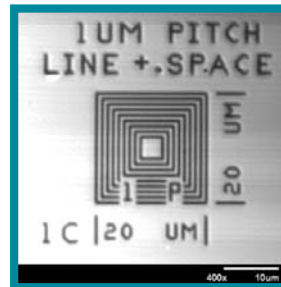


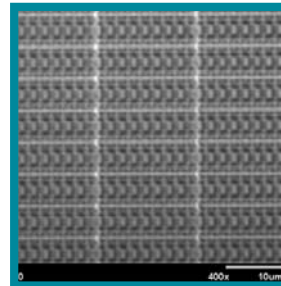
SEMICAPS SOM

SCANNING OPTICAL MICROSCOPY



1064 nm laser scan image

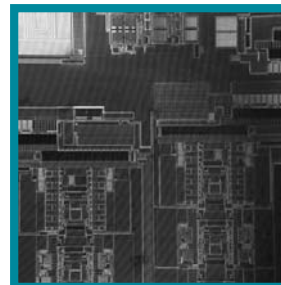
1 μm pitch pattern



1064 nm laser backside image

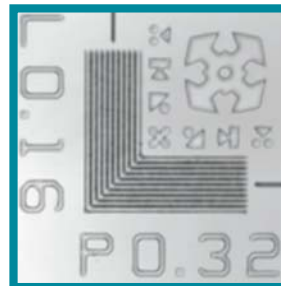
100x objective lens

Zoom 4



1064 nm laser backside image

20x objective lens



Metro-chip resolution target

320 nm laser pitch pattern

ASIL image

1064 nm laser

Features

- Lasers options - 1340 nm / 1320 nm / 1064 nm with laser scan array size up to 2k x 2k
- Multiple techniques available (e.g. VBA, TIVA, SDL)
- High power delivery 30 mW at DUT for all objectives including 100x
- Lock-in and Laser Pulsing technique to 10x improvement in sensitivity
- Pixel by pixel flexible scanning mode
- Modular platform, field-upgradeable to LTP (including Frequency Mapping)
- Flexible and customizable
- Option to mount PEM cameras (InGaAs, TE-cooled, LN2)

