

VCSEL Chips / Arrays

General Information

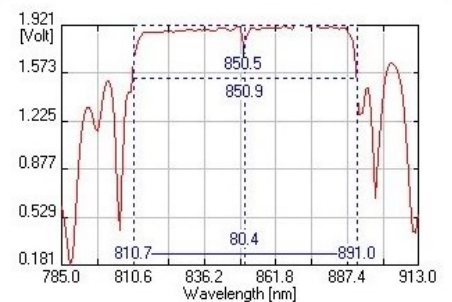
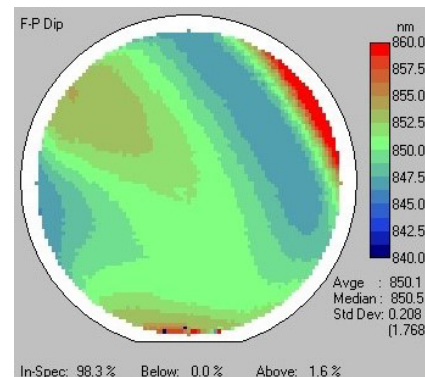
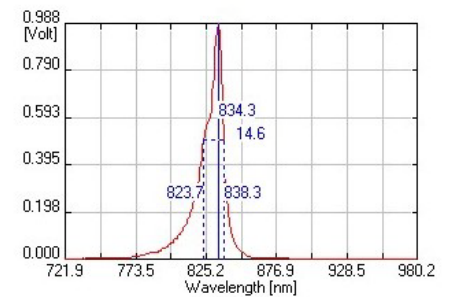
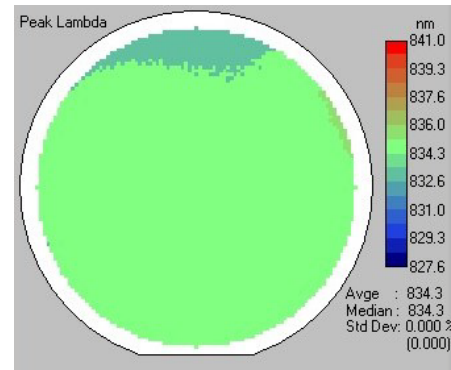
- > Masimo Semiconductor offers a wide range of standard and custom Vertical Cavity Surface Emitting Lasers (VCSEL) development services
- > Masimo Semiconductor provides Epitaxial Structure Modeling & Growth, Fabrication and Testing services or complete Discrete Devices
- > VCSEL's available in custom wavelengths from 630nm to 1100nm on Gallium Arsenide (GaAs) substrate platforms
- > Standard Datacom & Telecom wavelengths available (850nm, 980nm, 1060nm)
- > Desired speed targets (10G, 14G, 25G) available on a development basis
- > Available as individual die or in 4 / 8 / 10 / 12 channel arrays
- > High output power development available for illumination and sensing applications
- > Complete wafer map testing available
- > Chips are delivered either on-tape or in Gel-Paks after dicing

Device Fabrication



850 nm- 10G VCSEL
(example device)

Epitaxial Growth



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25 Sagamore Park Road • Hudson, NH 03051 • Tel 603.595.8900 • Fax 603.595.0975

MasimoSemiSales@masimo.com • www.masimosemiconductor.com

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