

OPTOELECTRONIC MODULES HAVING A SILICON SUBSTRATE, AND FABRICATION METHODS FOR SUCH MODULES

ABSTRACT

Optoelectronic modules include a silicon substrate in which or on which there is an optoelectronic device. An optics assembly is disposed over the optoelectronic device, and a spacer separates the silicon substrate from the optics assembly. Methods of fabricating such modules also are described.

FIG. 4H