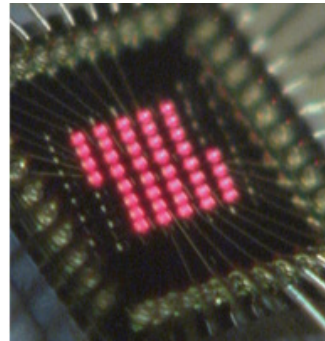


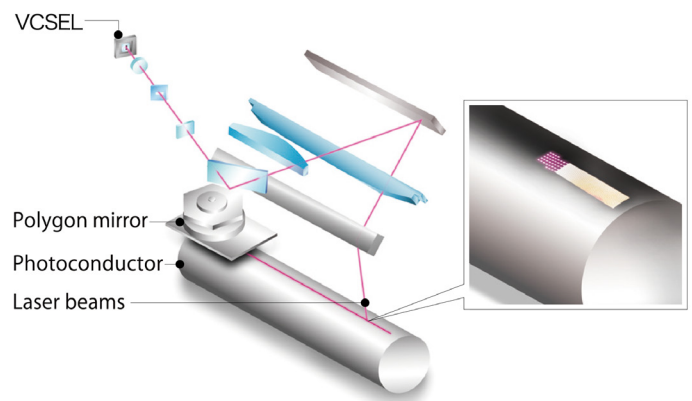
Apr. 2015

Ricoh's VCSEL receives the Science and Technology Award

Ricoh's 40-channel vertical cavity surface emitting laser (VCSEL) technology was selected for the fiscal 2015 commendation by the Minister of Education, Culture, Sports, Science and Technology, and two development leaders-Shunichi Sato, chief engineer at Ricoh Future Technology Laboratory (FTL), and Naoto Jikutani, researcher at the FTL's Tohoku branch-receiving the Science and Technology Award from the Ministry. The acknowledgement was offered for technological achievements that have enabled print-on-demand (POD) printing systems to effectively respond to the recently growing demand related to high-mix, low-volume, quick delivery orders. Being able to minimize wasteful output, the product is also beneficial for environmental conservation.



Ricoh's 40-channel VCSEL: 40 light sources aligned on a less than 1mm² area in each unit



Ricoh's VCSEL technology delivers 1,200 x 4,800 dots per inch

Recipients of
the Science and Technology Award

