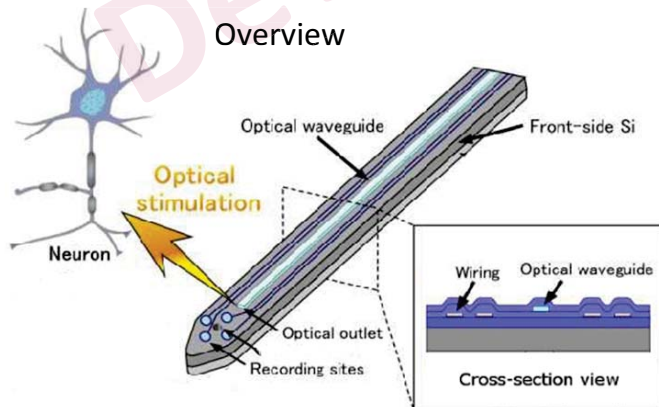
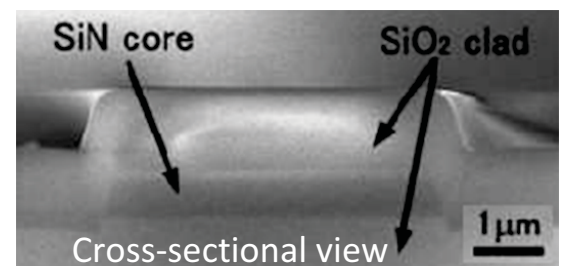
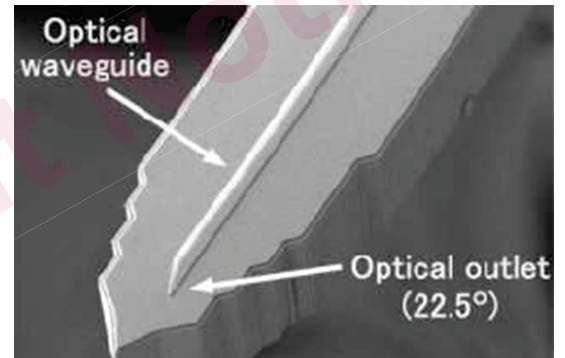
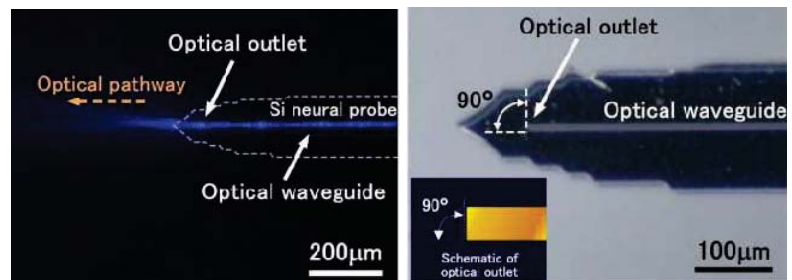


Neuronode800 is the Optical Waveguide - integrated Si micro brain probe for brain recording/stimulation of optogenetics purpose.

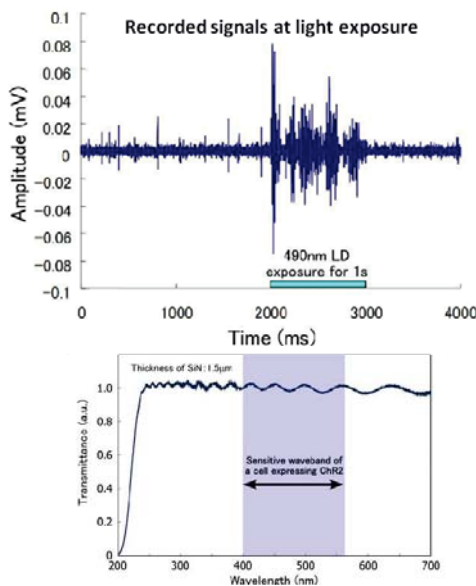
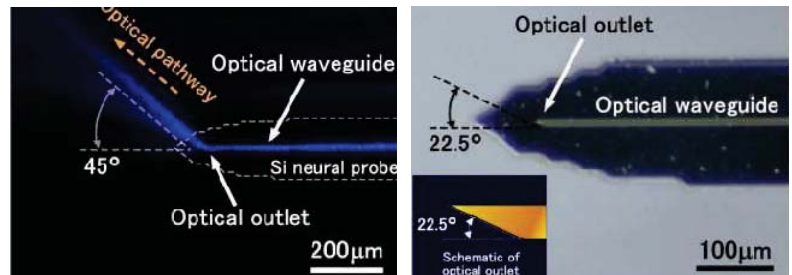
Probe length : 5, 10, 20, 33 mm or Custom
Probe thickness : 40 μm
Probe width : 160 μm (200 μm for 32ch)
Site layout : Tetrode 4ch or Laminar 32ch
Site material : Ir (option: Pt or Au)
Optical waveguide : 2.5 x 15 μm (core & clad)
Waveguide outlet angle : 90° or 22.5°
Waveguide number : Up to 8
Package : Acute



90° outlet: Straight pathway



22.5° outlet: 45° pathway



Patent Pending

Tohoku-MicroTec Co., Ltd. (<http://www.t-microtec.com>)

Japan Headquarter

6-6-40 Aza-Aoba Suite 203, Aramaki, Aoba-ku, Sendai, 980-8579 Japan

Phone: +81-22-398-6264, Fax: +81-22-398-6265

info@t-microtec.com

Information in this document are subject to change without notice.

US Office

135 Rio Robles East Unit 160, San Jose, CA 95134 USA

Phone: 408-464-7972

hasegawa@t-microtec.com

Copyright (C) 2012 Tohoku-MicroTec Co., Ltd. All Rights Reserved.