ETRI

Compound Semiconductor Epitaxial Growth Technology

Technology Overview

- Growth of compound semiconductor epitaxy such as InP/InGaAsP, InP/InAlGaAs, etc.
- Regrowth technology for growth and integration of compound semiconductor-based optical device structures

System Configuration

- Possession of 4 MOCVD systems for InP/InGaAsP and InP/InAlGaAs growth
- Possession of vertical and horizontal flow chambers





Application Products/Services

- Optical devices, including FP, VCSELs, DFB, EML, RSOA, SLD, SOA/REAM, etc.
- Receiving components such as pin PD, APD, etc.



