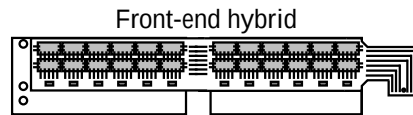
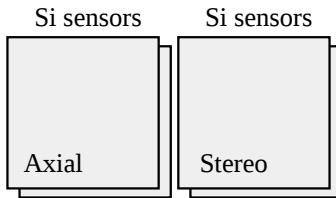


Module Assembly / $r\phi$ Module

(Wire-bonding)

- Reinspection of parts

(time required)



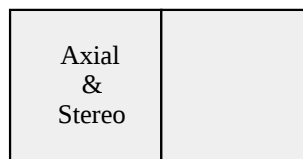
(1h)

- Bonding of 2-sensor unit
- Inspection



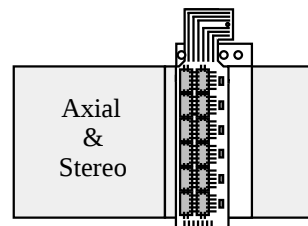
(2h)

- Bonding of axial-sensor unit and stereo-sensor unit
- Inspection



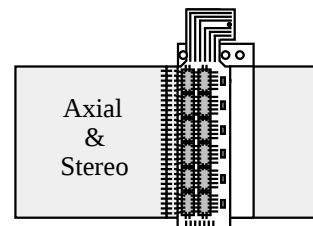
(2h)

- Assembly of front-end hybrid on sensors
- Inspection



(2h)

- Wirebonding (sensor~sensor, sensor~ICs)
- Inspection



(2h)

- Overall test
 - Thermal cycle test (-20°C ~ 60°C)
 - Electrical test
 - Functional test (laser etc.)

(2h)

(Total 11 hours)