Nintendo Switch 2

Teardown from TechSearch International, Inc.





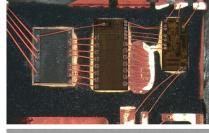
Contents and Highlights

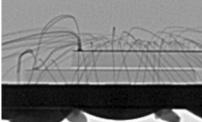
- 265-page report with package quantity summaries, high-resolution photos and X-rays, package dimensions, part numbers and descriptions, as well as analysis of packaging and assembly technologies discovered from package decapsulation
- All packages from console, both Joy Cons, dock, and 60W power supply examined
- 24 additional slides with construction analysis details for packages such as:
 - NVIDIA "Tegra T239" AP+GPU assembled in a flip chip BGA, with detailed analysis of Cu pillars on die face include 3D X-ray images
 - Intelligo AIVC™ Al audio/voice processor in QFN with stack die and Cu wire bonding
 - Infineon USB-C PD controller in FBGA with three die interconnected with Cu wires
 - PixArt optical motion sensing IC assembled as a WLP
 - Power Integrations flyback switcher containing four die including an HEMT fabricated on sapphire substrate

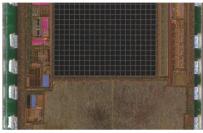
Teardowns backed by 38 years serving as the industry's trusted source for semiconductor packaging trend analysis

- Examination of all chips with emphasis on assembly and packaging technologies
- Superb quality photographs and x-ray images
- Both the packages and the die within are identified and characterized
- Detailed construction analysis of key chips and packages

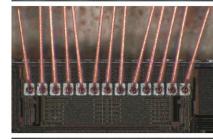














Pages from the report and slides



