

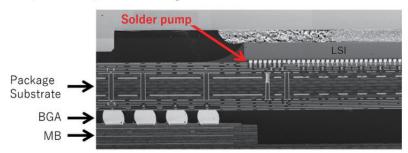
GigaModule Series Packaging Substrate

"GigaModule Family" for next generation high-performance and ultra thin substrate

A state-of-the-art FC-BGA substrate for large Die

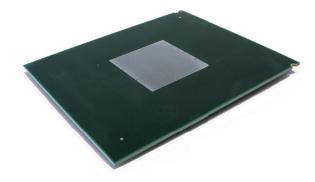
- >100mm□ size of 14-n-14 buildup substrate is available. (n: Core layer)
- Large size FC-BGA substrate for high-power application with thick copper layer
- Our total solution from design enables small quantity and short-term manufacturing

Example of multi-pin LSI mounting



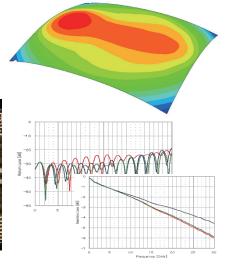


- Any Layer IVH structure provides Ultra-Thin and High-density wiring, applying VIA layout free, full build-up, and full stacked-via technology.
- Low inductance property enables low voltage operation at high frequency.
- Provide optimal substrate solutions for high-speed transmission and high heat dissipation.



Substrates for Large DiesSubstrate Size: \geq 72mm x 60mmStructure: \geq 16 Layers

Dynamic thermal warpage simulation



Transmission characteristics



Any Layer IVH Structure

FICT LIMITED

High Density IVH

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Thick Copper Pattern

