

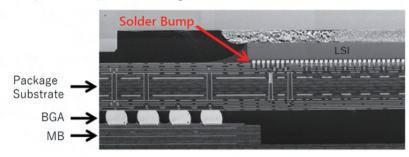
## GigaModule Series Packaging Substrate

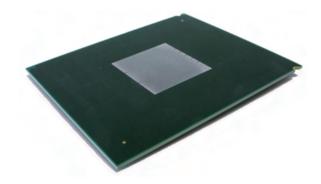
"GigaModule Family" for next generation high-performance and ultra thin substrate

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

- >100mm□ size of 16-n-16 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





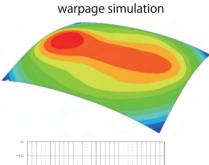
Substrates for Large Dies

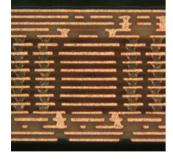
Substrate Size  $: \ge 72 \text{mm} \times 60 \text{mm}$ Structure  $: \ge 16 \text{ Layers}$ 

## Suitable for GHz bandwidth high frequency operation

- 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.







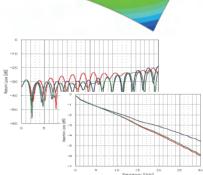
Any Layer IVH Structure



High Density IVH



Thick Copper Pattern



Transmission characteristics

Contact

FICT LIMITED

