

CSP – Chip Scale Package LED

The CSP LED is much smaller than general components, thus enable smaller board size, higher packing density, reduced storage space and finally smaller equipment to be obtained. CSP is defined as LED package with size equivalent to a LED Chip. Everlight CSP packages are in sizes of 0504, 0603, 0804 and 1005. Everlight offers 1-side emitter, 4-side emitter and 5-side emitter version. Also RGB Version in a 0804 package is available.



Features

- Small package with high efficiency
- Direct attach Flip-chip Type
- Suitable for vapor-phase reflow, Infrared reflow and wave solder process
- Reduced heat transfer path -> reduced thermal resistance
- Pb free
- Compliance with EU REACH
- Compliance Halogen Free(Br < 900ppm, Cl < 900ppm, Br+Cl < 1500ppm)
- The product itself will remain within RoHS compliant version.

Applications

- Status Indicator,
- Keypad-, Keyboard-Applications
- Industrial Equipment
- Light pipe application
- General use

For more information please visit www.everlighteurope.com or contact your Everlight Sales Contact.