

BGA Resistive Network Capability

Expertise

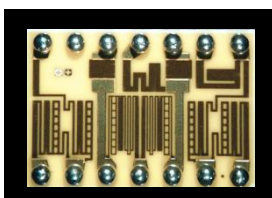
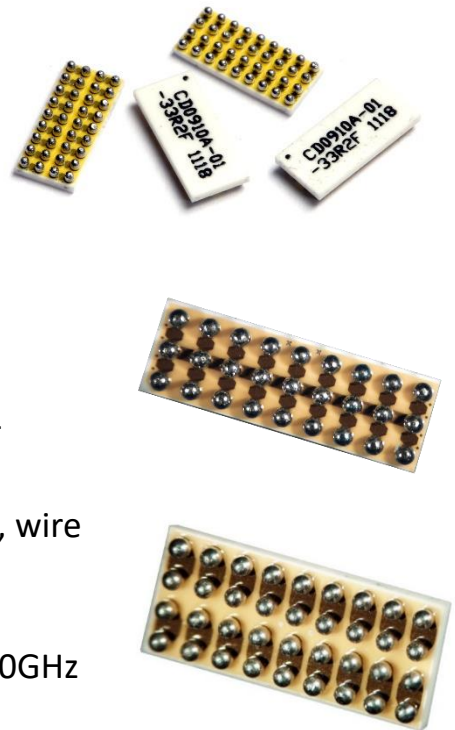
TT Electronics is a leading manufacturer of thin film resistive networks in various formats including ball grid array (BGA). This compact package style is ideal in applications where parasitic reactance must be minimised:

- High-speed digital systems
- SCSI and DDR memory termination
- LVDS line termination
- Test & measurement equipment



Features & Benefits

- High-speed terminations
- Pull-ups / downs
- 0.65mm, 1.0mm and 1.27mm ball spacing
- Established tantalum nitride reliability
- Precision, high stability networks
- Tolerances to $\pm 0.1\%$ & 0.05% ratio
- TCR to $\pm 25\text{ppm}/^\circ\text{C}$ & $5\text{ppm}/^\circ\text{C}$ tracking
- High component density - up to 36 resistor elements in a single package
- Reduced parasitics – no vias, wraparounds, wire bonds or leadframe
- Inherent protection against signal piracy
- Excellent high frequency performance to 40GHz and 25Gbps
- Custom schematics available



Your Needs

To discuss how we can address your needs please contact our technical team at resistorgeneral@ttelectronics.com.