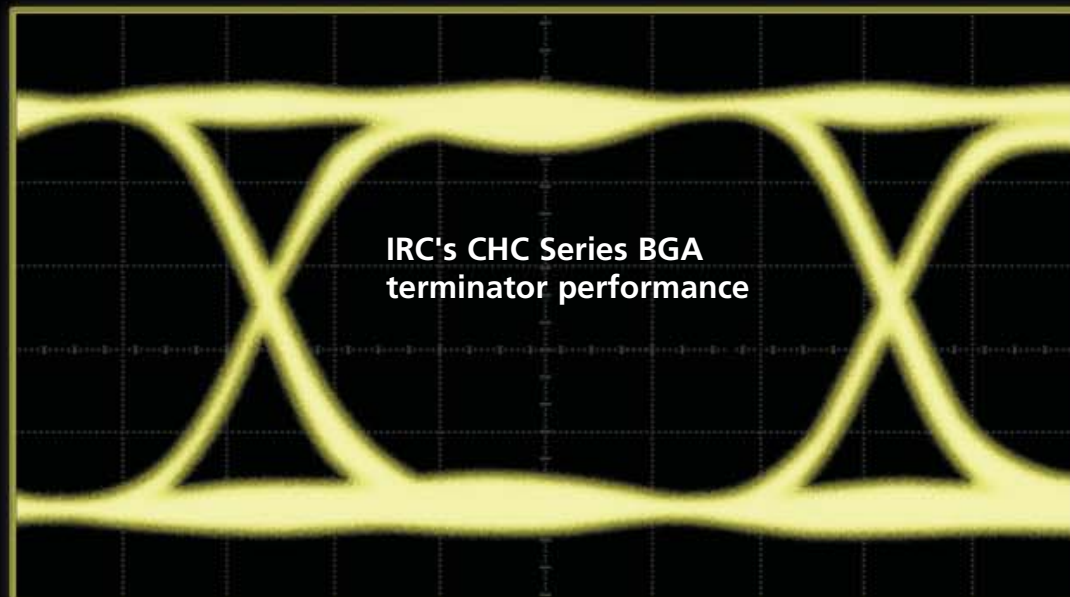
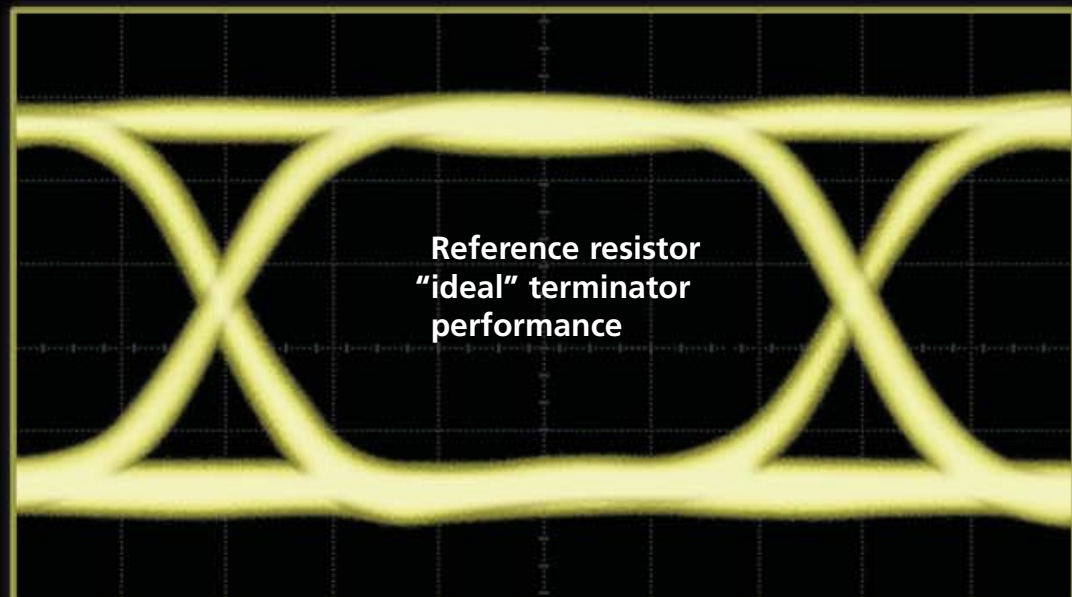


Terminators with an eye for performance.



Actual eye diagrams at 1Gbps data rate.



High speed digital BGA resistive termination networks from IRC

For superior signal integrity in high speed circuits, digital design engineers can specify IRC's CHC Series BGA-packaged resistive terminators. Only IRC offers digital termination networks with these features:

- Thin film resistors on the underside of the BGA package provide the shortest signal path, delivering the lowest parasitic inductance and capacitance values, with improved speeds, lower propagation delays and reduced ground bounce.
- Performance characterized to 40GHz frequency, 25Gbps data rate and 25pS rise time.
- Device design with no top side conductors prevents digital signal piracy attempts, and eliminates the need for epoxy coating.
- Tantalum nitride (TaNFilm®) resistive elements provide ultra-stable precision performance without the corrosion problems associated with nichrome.

Whether you're designing high speed circuits for routers, servers, set-top boxes, consumer electronics or communications systems, IRC's termination networks deliver the signal integrity and signal protection your application requires.

Terminate your high speed digital design problems with IRC—call (361) 992-7900 for CHC Series product samples; For datasheets and more information, visit www.irctt.com/digitalterminators



A Subsidiary of TT electronics plc

IRC Advanced Film Division
www.irctt.com
afdsales@irctt.com
361-992-7900



TT electronics Components Division manufactures a comprehensive range of electronic components, hybrids, sensors and assemblies.