

## The best material of thin plate – BT FR4

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The best BT PCB material is BT FR4. BT (phenylpropanediamide triazine) resin based copper clad laminate (hereinafter referred to as BT board) has high Tg, excellent dielectric properties, low thermal expansion and other properties, which makes it a popular high density interconnect (HDI). It has been widely used in Multilayer PCB and packaging substrate. To get more news about [BT PCB](#), you can visit [pcbmake](#) official website.

“BT” is the chemical trade name of resin produced by Mitsubishi Gas Chemical Co., Ltd. The resin was synthesized by bismaleimide (BMI) and cyanate ester (CE).. As early as 1972, Reiki chemical company began to study BT resin. By 1977, BT PCB began to be used to encapsulate soil for chips, and then they continued their research. By the end of the 1990s, more than ten varieties had been developed. We can manufacture different products to meet different requirements, such as high performance copper clad laminate, chip board, high frequency application copper clad laminate, BT resin for packaging, resin coated copper foil, etc. There are more and more pages on the market.

Because of the importance of BT resin substrate, it has been listed in some authoritative standards in the world, such as EC 249-2-1994 as “No.18” board, ipg4101-1997 as “30” board, mil-s-13949h as “GMR board”, and JIS product standard for such products is JS c-6494-1994. China’s national standard GB / T 4721-1992 also defines it as BT “board”.

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