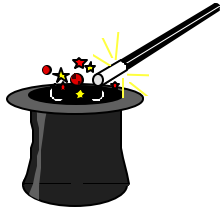


PCB to a Hybrid



Hybrid Electronics has recently converted an entire functional printed circuit board (PCB) used in the telemetry industry into a thick film hybrid. The benefits to the customer were size, performance, encapsulation, intellectual property protection and a lower cost.

- The size of the fibreglass board used for the PCB was 28cm² it is **now** 15cm² on ceramic.
- The resistors (approximately 50 in total) that were surface mounted onto the PCB are **now** printed onto the ceramic.
- The unit was a through hole surface mount circuit board. It is **now** a multilayer surface mount ceramic with a ground plane on the back.
- The PCB was mounted in a box however **now** the unit is fully encapsulated, protecting it from moisture, vibration, corrosion and heat.
- The unit as a thick film hybrid rather than a PCB, **now** provides security against reverse engineering.
- The unit overall is **now** lower cost as a thick film hybrid rather than a PCB.

It's not magic. A PCB can be converted into a hybrid. It is more reliable and saves you money!

Disaster Recovery Plan



In the last few weeks we have been updating our Disaster Recovery Plan. This has been a worthwhile exercise. Our Disaster Recovery Plan provides the following:

- Security for manufacturing information;
- Security for financial information;
- Rapid return to profitable production;
- Minimal disruption to customer deliveries;
- Maintaining customer service during the recovery period;
- Insurance cost minimisation.

Web Site Tips



We have recently added to our Website, www.hybrid-electronics.com, a search for word function. This enables you to find information quickly on the Website.



“Keep it simple”. These days there are a lot of flashy Websites but we decided to keep ours simple so it is easier to read and use.



We weren't getting many inquiries to our Website so we added a “request for quote” form to make it easier for people to contact us. It's proven to be very successful and the number inquiries coming from the form are growing each week.

At Hybrid Electronics, we take the board out of circuits!