

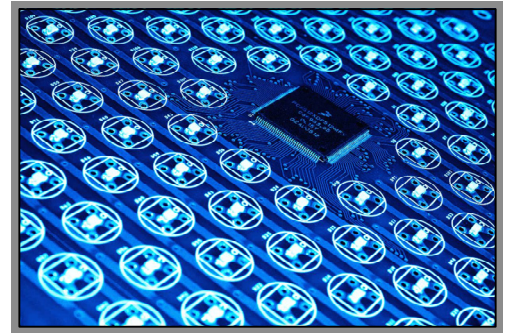
# ELECTRONICS DESIGN

*Take advantage of our 35 years in-depth experience  
in all aspects of Electronic Product Design*

## CONCEPT & SCHEMATIC

Working from your product requirements specification, we can develop the hardware & firmware concept, through to detailed circuit schematics.

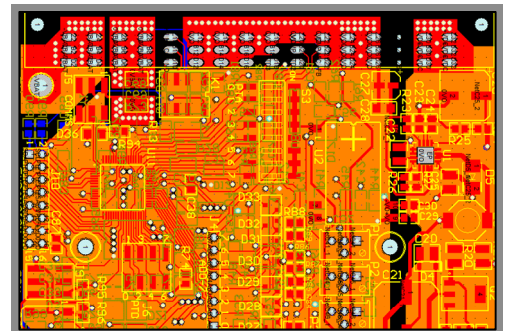
In addition, where there is no formal specification, we can work with you to develop the concept & specifications, based on what your application needs.



## PCB LAYOUT

In arduous situations, such as within Power Electronics designs, it is crucial that the specialist knowledge and design constraints of the schematic designer are communicated to and understood by the layout designer.

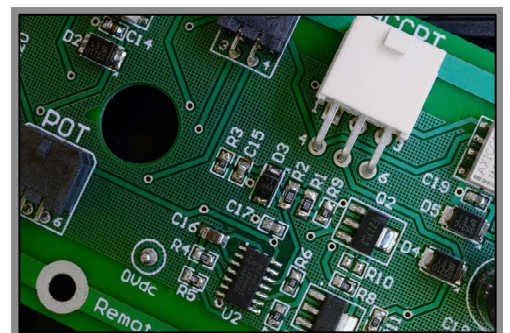
By using the same experienced Design Engineer to implement both tasks concurrently, we ensure that the layout is effective with respect to performance & operational reliability.



## POWER ELECTRONICS & EMC-ROBUST DESIGNS

We have extensive design experience in the field of Power Electronics, having designed power switching & control circuits, to component level, for complete Industrial AC UPS systems and 3ph AC VSDs.

This experience has given us an in-depth understanding of parasitic circuit elements and designing for Electromagnetic Compatibility.



## CONTACT US to find out more...



Tarbat Electronic Solutions Limited  
59 Fife Street  
KEITH  
AB55 5EG, Scotland



+44 (0) 1542 882 261  
+44 (0) 771 510 5580



[sales@tarbat.com](mailto:sales@tarbat.com)



[www.tarbat.com](http://www.tarbat.com)



*"...system is now performing  
better than it ever did before."*

*- Nuclear customer,*

*Product redesign following obsolescence*