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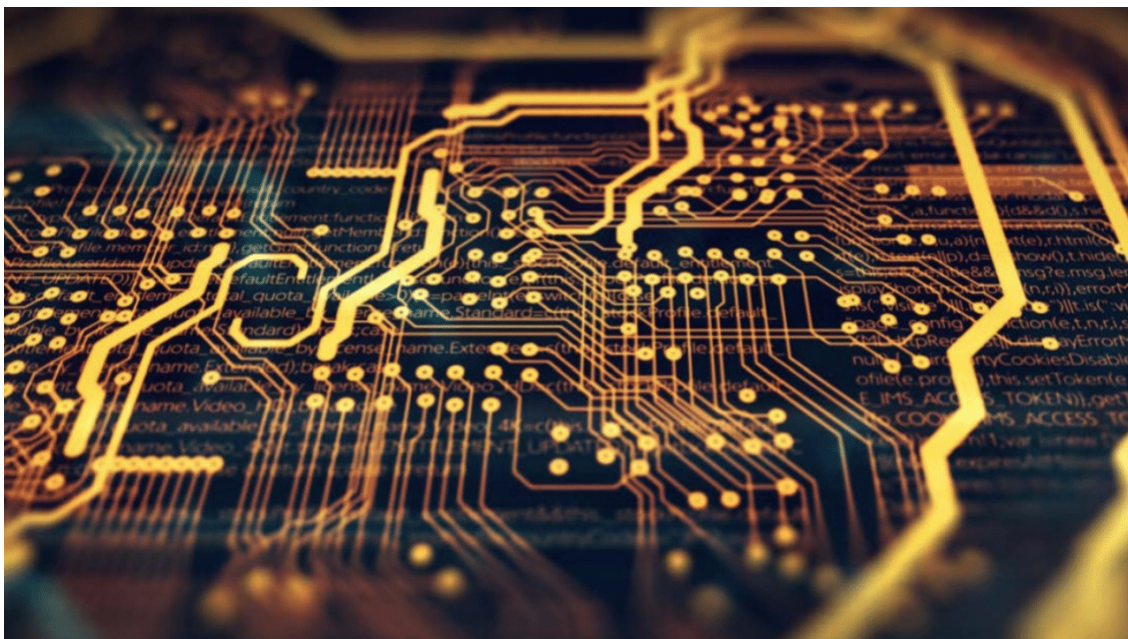
## Proculus Industrial Level LCD Module



### New PCB Design for better EMC Performance

Proculus redesign PCB board layout can greatly improve product performance, save costs, shorten development time, speed up the pace of products entering the market, and strive for valuable time and economic benefits for occupying a large market share.

*Each process has a verification, and the quality problem is controlled at the earliest stage in time.*



### Proculus Immunity Test

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Test process: Carry out contact and air discharge on the periphery of the iron frame and the display area of the serial port screen in turn, and observe whether the screen has abnormal working phenomena such as reset restart, black screen, white screen, communication interruption, and other abnormalities.

Discharge type	Discharge value	Result
Contact discharge	±6KV	Working properly.
Air discharge	±15KV	Working properly.

- EFT test

Test process: The power supply line supplies power to the screen through the power supply after the pulse Group generator is coupled with the pulse Group; the serial port signal line carries out serial port communication with the screen through the signal after the pulse Group generator is coupled with the pulse Group; and the screen is observed whether abnormal working phenomena such as reset restart, black screen, white screen, abnormal communication, and communication interruption.

Test item	Test standard		Result
	Voltage	Frequency	
Power cord	4 KV	100 KHz	Working properly.
Signal line	2 KV	100 KHz	Working properly.



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