

VCB ELECTRONICS PVT. LTD.

Space-Grade Electronics for Mission-Critical Applications

Design, development, and manufacturing of high-reliability electronic systems trusted for space, defence, and industrial applications.

2001 **70+** **ISO**

ESTABLISHED ENGINEERS 9001:2015

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VCB Electronics Private Limited was established in 2001 with a mission to provide dedicated facilities for the fabrication, testing, and evaluation of avionics packages. Over the years, VCB Electronics has evolved into a leading provider of world-class manufacturing solutions for thick film hybrid microcircuits and electronics module assembly.

Located in Pune, VCB Electronics boasts a state-of-the-art facility managed by a team of highly qualified professionals, technocrats, and experts in design, fabrication, automated electrical testing, environmental testing, and quality assurance.

Core Focus: Meeting the stringent requirements of esteemed organizations like the Indian Space Research Organisation (ISRO) and Public Sector Units (PSU), contributing to India's space and electronics sectors.

Why Choose VCB

- Over two decades of excellence in aerospace electronics
- Comprehensive capabilities from design to fabrication and rigorous testing
- Trusted partner to ISRO and leading public sector enterprises
- Advanced in-house environmental and reliability validation facilities
- Pioneers in thick-film and thin-film hybrid microcircuit technology
- ISO 9001:2015 certified quality management system

Our Mission

To support our customers in the design, development, manufacturing, testing, certification, and deployment of high-reliability electronics components, advanced subsystems, and space-grade products and solutions.

Our Vision

To gain self-reliance in terms of high-reliability electronics manufacturing, establishing advanced infrastructure and a robust ecosystem to support space and aerospace applications in India.

Hybrid Micro Circuits

Thick film hybrid micro circuits for payload, control and communication subsystems.

DC-DC Converters

Space and military grade thick film hybrid DC-DC converters and power conditioners.

EPC (Power Conditioning Unit)

Power conditioning units for reliable, regulated power delivery in aerospace systems.

Precision Resistors

High voltage thick film resistors and precision resistor divider solutions.

Avionics Modules

Avionics modules with leaded components for aerospace applications.

Electronics Modules

Complex electronics modules with SMD components for industrial and medical sectors.

Sensor Nodes

High quality sensor nodes including motion sensors and photodetectors.

Chip & Wire Bonding

Hermetically sealed metal packages, modules and sub-assemblies.

VCB Ecosystem

In over two decades of its existence, VCB Electronics has developed an ecosystem to delight customers with innovative designs, solutions, manufacturing and testing services.

- Reliable supply chain partners for materials, components, and semiconductors
- Know-how to build and maintain needed machinery, equipment and instruments
- Processes to identify, train and utilize skilled manpower
- Partnerships that add strategic value to customer goals

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