



STB Micro Devices

Pvt Ltd

Semiconductor Sourcing & Electronic Component Supply Chain Solutions

25+ Years of Industry Presence | Trusted by 15,000+ Institutions

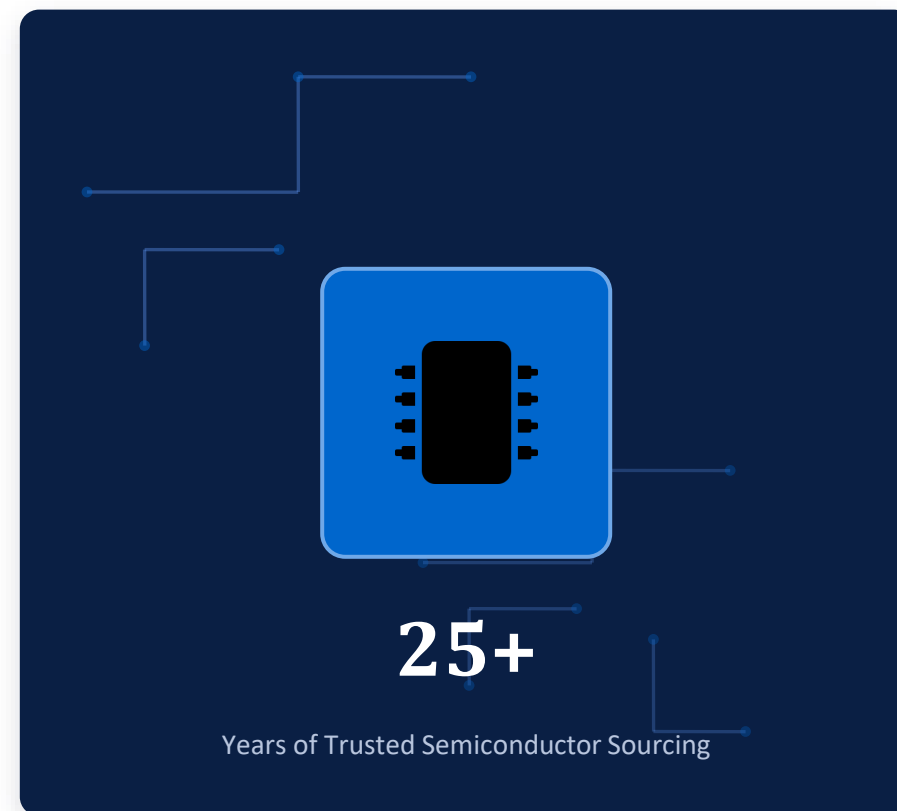
WHO WE ARE

Company Overview

STB Micro Devices Pvt Ltd is a leading marketing and trading company specializing in semiconductor sourcing and electronic component supply chain solutions.

The company delivers authentic electronic components from globally recognized manufacturers, helping OEMs, EMS companies, R&D organizations, educational institutions, and industrial manufacturers optimize procurement and reduce supply chain risk.

With over 25 years of industry presence, STB has established itself as a trusted sourcing partner known for quality, reliability, technical expertise, and fast RFQ response.



OUR PURPOSE

Vision & Mission



Vision

To become India's most trusted semiconductor sourcing and electronic supply chain partner by delivering authentic components, technical excellence, and dependable customer service.



Mission

Deliver genuine semiconductor solutions through strong global sourcing, supply chain efficiency, engineering support, and long-term customer partnerships.

BY THE NUMBERS

Company Highlights



25+

Years Industry Presence



15,000+

Institutions Served



100%

ESD Safe Warehousing



2 Hour

RFQ Response Time

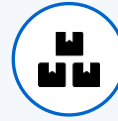
Two and a half decades of consistent delivery — built on deep manufacturer relationships, disciplined quality control, and a warehouse infrastructure engineered for uninterrupted supply.

OUR CAPABILITIES

What We Do



Semiconductor Sourcing



Electronic Component Distribution



Supply Chain Management



BOM Optimization



Alternate Component Sourcing



Procurement Consulting



Technical Support



Inventory Management

CORE COMPETENCIES

Active Components

We source directly from global semiconductor manufacturers, giving customers verified access to the full range of active devices that power modern electronics.



Microcontrollers (MCUs)



Processors



FPGA



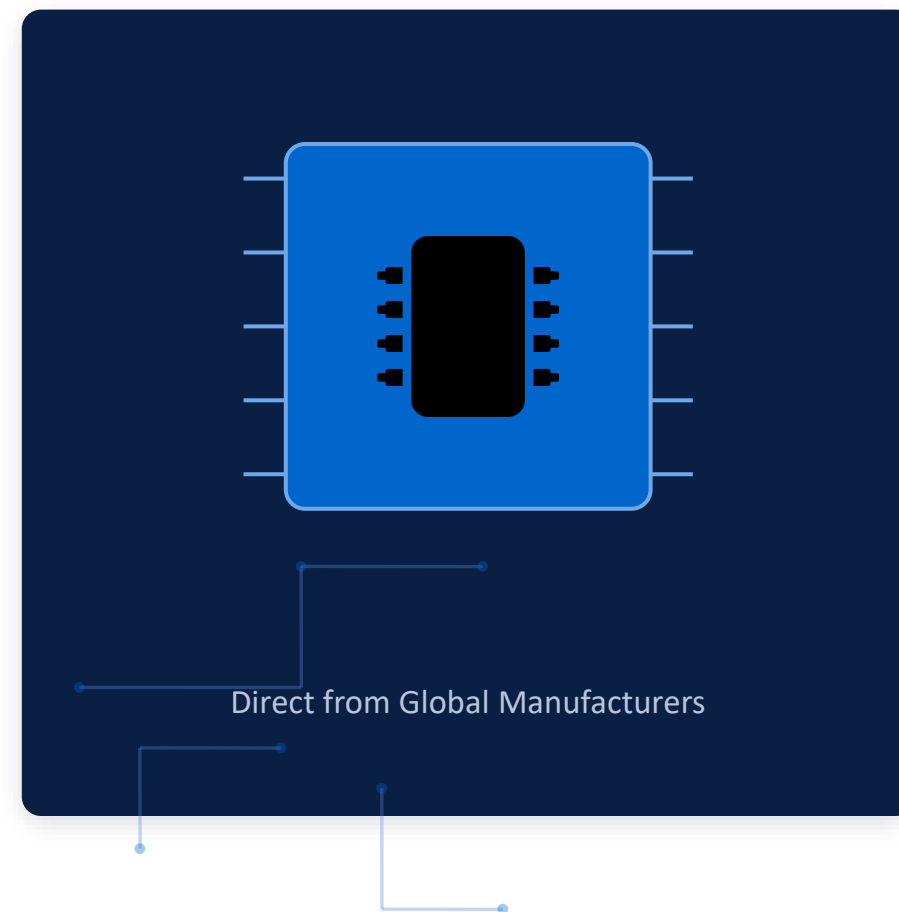
Analog ICs



PMICs



Memory ICs



CORE COMPETENCIES

Passive & SMD Components

We supply complete product lines across passive and surface-mount components, available in all standard package types for design flexibility.



Resistors



Capacitors



Inductors



Oscillators

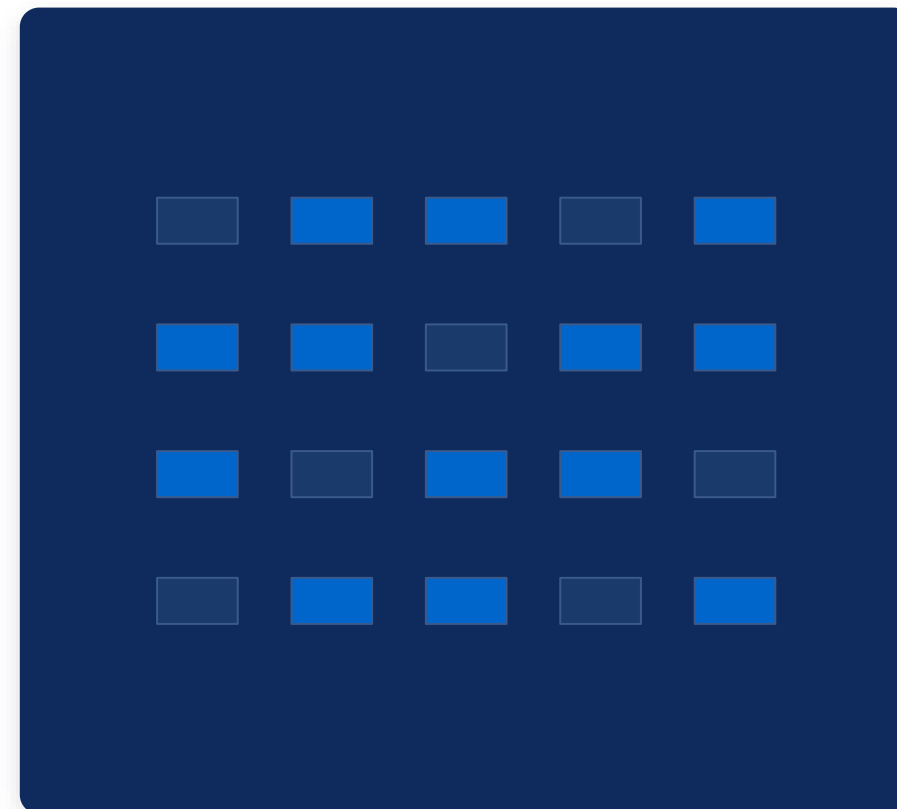


Connectors



Relays

Available in All Package Types



CORE COMPETENCIES

BOM Optimization

Our engineering-led sourcing approach helps customers control cost, simplify supply chains, and safeguard product lifecycles.



Reduce Procurement Cost



Consolidate Suppliers



Identify Alternate Components



Improve Lifecycle Management



Improve Supply Chain Efficiency

MARKETS

Industries We Serve



Automotive & EV



Industrial Automation



IoT & Smart Home



Medical Electronics



Aerospace



Consumer Electronics



Telecommunication



Education & Research

SPECIALIZED EXPERTISE

Automotive & EV Expertise

Deep, design-in level expertise across the automotive semiconductor stack — supporting EV powertrain, ADAS, and body electronics programs.

✓ AEC-Q100 Components

✓ AEC-Q200 Components

✓ Battery Management ICs

✓ Gate Driver ICs

✓ Power MOSFETs

✓ Safety Sensors

✓ Robust Temperature Grade Components

✓ Automotive Semiconductor Solutions

OUR DIFFERENTIATORS

Why Customers Choose STB



Certified Genuine Parts

- Strict quality verification
- Anti-counterfeit sourcing
- Trusted supplier network



Technical Engineering Support

- Cross-reference assistance
- Design-in recommendations
- Alternate component suggestions
- Engineering consultation



Flexible Buffer Stock

- ESD-safe warehousing
- Inventory planning
- Reduced production downtime
- Reliable delivery

HOW WE OPERATE

Supply Chain Advantages



THE STB ADVANTAGE

Why STB Stands Out

Category	Traditional Distributor	STB Micro Devices
Lead Time	Long & Unpredictable	Fast & Reliable
Technical Support	Limited	Dedicated Engineering Support
BOM Assistance	Minimal	Full BOM Optimization
Authenticity	Not Always Guaranteed	100% Certified Genuine
Warehouse Capability	Basic Storage	ESD-Safe, Managed Warehousing
RFQ Speed	Slow Turnaround	2 Hour Response Time
Customer Support	Transactional	Long-Term Partnership
Inventory Flexibility	Rigid	Flexible Buffer Stock

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As an EV powertrain developer, component certification is vital. STB's strict anti-counterfeiting checks and buffer stocking model keep our assembly line running smoothly without delays.

Vikram Reddy

Director of Engineering, VoltDrive Solutions

GET IN TOUCH

Contact Information

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**Let's Build a Reliable Supply
Chain Together**

*Fast RFQ turnaround. Verified authenticity. Dedicated
engineering support.*



Thank You

STB Micro Devices Pvt Ltd • Your Trusted Semiconductor Sourcing Partner

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