



CIFLUX electronic

From Design to Delivery

Complete Electronic Component Lifecycle Management

AEROSPACE

EV / AUTOMOTIVE

DEFENCE

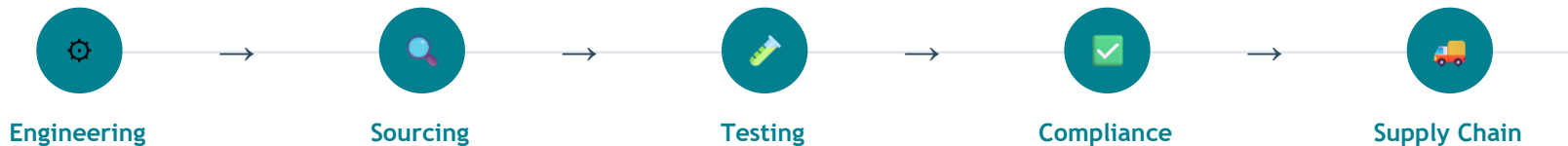
HEALTHCARE

WHO WE ARE

From Design to Delivery –

Complete Electronic Component Lifecycle Management.

An end-to-end electronic component engineering, sourcing, testing, compliance, and supply chain partner.



WHAT YOUR SUPPLY CHAIN DEMANDS

When the components you procure go into an aircraft, an EV powertrain, a defence system, or a medical instrument — getting the wrong part, a counterfeit, or a late delivery is not an option.

You need a sourcing partner who understands stakes, not just SKUs.

Zero-Tolerance Authenticity

Counterfeit components are a real risk. You need a verified, traceable supply chain every time.

Obsolescence & EOL Crises

Long-lifecycle programmes outlive component availability. You need proactive EOL alerts and qualified alternatives.

Supply Chain Disruptions

Geopolitical events & chip shortages halt procurement. You need reliable inventory access and backup sourcing.

Cost Under Pressure

Programme budgets are tight. You need competitive component pricing without compromising on quality or reliability.



Sourcing precision components for airborne and avionics programmes

YOUR REQUIREMENTS

- Full traceability to original manufacturer
- Mil-spec and Hi-Rel rated components
- Long lead-time management & buffer stocking
- Counterfeit detection & authenticity verification
- EOL / obsolescence management for long-lifecycle programmes

HOW CIFLUX DELIVERS

Authorised distributor channels with full COC documentation on every component supplied

We track end-of-life notices and identify approved alternates before your procurement is impacted

Every component batch is traceable and authenticated – no grey-market, no counterfeits

Components we supply: NXP · Infineon · Texas Instruments · Microchip · Analog Devices · Vishay · Murata · STMicroelectronics

EV & AUTOMOTIVE

Supplying qualified components for EV and automotive procurement teams

AEC-Q

Qualified
Components

IATF

16949 Aligned
Sourcing

EV-Grade

High-Temp &
High-Power Parts

COMPONENT CATEGORIES WE PROCURE & SUPPLY

Battery Management Systems (BMS)

Protection ICs, coulomb counters, MOSFETs, shunt resistors, precision op-amps, and thermal sensor components.

Motor Control & Traction Inverters

IGBTs, SiC & GaN MOSFETs, gate driver ICs, current sensing resistors, and high-voltage capacitors.

ADAS & Telematics

Microcontrollers, radar front-end ICs, CAN/LIN transceivers, sensor ICs, and power management components.

On-Board Charging (OBC) & DC-DC

GaN & SiC power devices, magnetics components, film capacitors, and EMI filter components.

Supplying components to EV manufacturers, Tier-1 automotive suppliers, and autonomous systems companies including ZMotion Autonomous Systems.



DEFENCE

Reliable supply of electronic & electromechanical components for defence procurement

WHAT DEFENCE PROGRAMMES DEMAND

- Supply chain security & chain-of-custody
- ITAR-awareness & compliance-ready documentation
- MIL-SPEC rated and screening-capable components
- Long-lifecycle platform support (20-30 years)
- Rapid response for urgent operational demands
- Secure, discreet procurement processes

THE CIFLUX APPROACH

Verified Supply Chain

Every component authenticated via manufacturer COC or independent test

Full Documentation

Traceability records, test reports, and compliance paperwork included

Emergency Response

Priority sourcing for critical shortages and urgent operational needs

Long-Term Partnership

Dedicated account managers who understand your platform lifecycle

Components supplied for avionics, radar, electronic warfare, surveillance, and unmanned systems procurement.



Supplying traceable, authenticated components for medical device manufacturers

Medical device manufacturers operate in one of the most regulated supply chains in the world. Component changes require re-validation – so your procurement team needs a supplier who gets it right first time, every time.

Sectors We Supply Into

- › Patient monitoring
- › Imaging & diagnostics
- › Surgical instruments
- › Implantable devices
- › Portable & wearable devices
- › Lab & analytical equipment

Components We Procure

- › IEC 60601 rated components
- › Extended-temp range ICs
- › Precision analog & mixed-signal
- › Ultra-reliable passive components
- › Medical-grade connectors
- › Low-noise amplifier ICs

CIFLUX Value-Add

- › Full LOT traceability records
- › Component change notifications
- › Lifecycle / last-time-buy support
- › Regulatory & compliance docs
- › Approved vendor list alignment
- › Urgent shortage response

Five reasons procurement teams in critical industries trust us

01

Smart Sourcing

Real-time access to global component inventory. When a part is scarce, we already have alternatives lined up – before you ask.

02

Authenticity & Quality

Verified supply chains, authenticated components, full COC on every shipment. We don't supply parts we wouldn't stake our reputation on.

03

EOL & Shortage Expertise

Proactive lifecycle management means your procurement keeps running even when manufacturers discontinue components.

04

Cost Optimisation

Competitive pricing on electronic and electromechanical components – smart procurement for tight programme budgets.

05

End-to-End Coverage

From initial BOM review and component sourcing through to inventory management and surplus handling – one trusted supplier.

OUR COMPONENT PORTFOLIO

Electronic & electromechanical components sourced from the world's most trusted manufacturers

Microcontrollers & SoCs

NXP · Microchip · STMicroelectronics · Infineon · Texas Instruments

Power Semiconductors

Vishay · ON Semi · Rohm · Fairchild · Fuji Electric · Power Integrations

Analog & Mixed-Signal

Analog Devices · Maxim · OSRAM · Silan

Passives & Capacitors

Murata · EPCOS · Panasonic · AVAX · Vishay

Optoelectronics

Liteon · Avago · OSRAM

Connectivity & Interface

Cypress · Semikron · Atmel

...and many more. Send us your BOM — we'll source it.

TRUSTED BY INDUSTRY LEADERS

Procurement teams at these organisations rely on CIFLUX for their electronic & electromechanical component supply

Aerospace & Defence

Tonbo Imaging India Limited

Leading developer of imaging and sensor solutions for defence, surveillance, and industrial applications.

EV & Autonomous Vehicles

ZMotion Autonomous Systems Pvt Ltd

Cutting-edge autonomous mobility and robotics systems manufacturer requiring precision electronic components.

Technology & Innovation

DILABS

Technology company driving product innovation across electronics and embedded systems design.

Energy & EV Mobility

Greenerg

Future-mobility company focused on electric vehicle and energy technology – Driving Future Mobility.

✓ Precision & Quality

✓ Fast Turnaround

✓ Verified Authentic Supply

✓ Industry Trusted



Our process and procedures to protect your supply chain integrity

SOURCING CONTROLS

Authorised Channel Sourcing Only

We procure exclusively from manufacturer-authorized distributors and franchised channels, maintaining a vetted approved vendor list (AVL).

Certificate of Conformance (COC)

Every component shipment is accompanied by a manufacturer or distributor COC, establishing full chain-of-custody documentation.

Country of Origin Tracking

Origin documentation is verified and maintained for every component to meet customer compliance and import/export requirements.

INSPECTION & VERIFICATION

Visual & Physical Inspection

All incoming components undergo visual inspection – checking markings, date codes, lot numbers, and physical condition against manufacturer specs.

Marking & Date Code Verification

Part markings, manufacturer logos, and date codes are cross-verified against original manufacturer data to identify anomalies or re-marking.

Supplier Qualification & Audit

Suppliers are assessed against quality, traceability, and authenticity standards before onboarding. Regular performance reviews maintain AVL integrity.



No Grey-Market Sourcing



Full Traceability Records



Zero-Counterfeit Policy



Lot & Batch Documentation



High-value engineering support for global sourcing teams — beyond procurement, into partnership

Component Sourcing & Cross Reference

- Alternate part identification
- BOM optimisation
- Cost reduction analysis
- Lifecycle analysis
- Obsolescence management
- AVL management

Component Validation

- Datasheet verification
- Form / Fit / Function comparison
- Electrical compatibility checks
- Counterfeit risk analysis

Shortage Management

- Hard-to-find component sourcing
- Last Time Buy (LTB) support
- Allocation management
- Strategic stocking

These services reduce your engineering risk, procurement cost, and time-to-production — all from a single trusted supplier.

TESTING & LAB SERVICES

End-to-end verification across your Supplier to Shipment to Lab to Delivery workflow

Electrical Testing

- Functional testing
- Parametric testing
- Burn-in testing
- Reliability testing
- Load testing
- Power cycling

Quality & Failure Analysis

- X-Ray inspection
- Decapsulation
- Solderability testing
- Failure analysis
- Root cause analysis
- Counterfeit detection

Environmental Testing

- Temperature cycling
- Humidity testing
- Vibration testing
- Shock testing

Compliance Testing

- CE · FCC · RoHS
- REACH · UL
- ISO support

Full testing documentation provided with every report – supporting your quality audits, regulatory submissions, and customer compliance requirements.



End-to-end procurement, logistics, inventory, and digital portal services — powered by our OMS platform

Procurement Services

- Global sourcing
- Vendor management
- Supplier qualification
- Purchase consolidation

Logistics Coordination

- EXW / FOB / DDP coordination
- Drop shipment management
- Freight coordination
- Customs documentation
- Shipment tracking

Inventory Services

- Buffer stocking
- Consignment inventory
- Vendor Managed Inventory (VMI)
- Warehouse coordination

Customer Portal (OMS)

- Real-time order tracking
- Shipment visibility
- Lab status updates
- Document repository
- Compliance certificates
- Invoice management



Expanding our capabilities to support your full manufacturing lifecycle

EMS Support

- PCB assembly coordination
- Box build support
- Cable harness assembly
- Final product assembly

Under Development

Production Engineering

- Test jig development
- Production fixtures
- Process validation
- Pilot production support

Under Development

Quality Assurance

- Incoming Quality Control (IQC)
- Outgoing Quality Control (OQC)
- Supplier audits
- Process audits

Under Development

READY TO STRENGTHEN YOUR SUPPLY CHAIN?

Share your BOM, tell us about a shortage, or let's discuss a long-term component supply partnership.



Email

Sales@cifluxelectronic.com



Call

[+91 080 4208 7864](tel:+9108042087864)



Social

[@cifluxelectronic](https://www.instagram.com/cifluxelectronic)

S E R V I N G

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