Quality & Compliance

Quality management, ESD control and traceability at Baolaidi Technology.

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Our Commitment

Every shipment we dispatch is inspected, packed and documented under ISO 9001 procedures. We do not trade refurbished or counterfeit components, and we are always transparent about lot origin.

Standards We Follow

Standard	Scope	What it means for you
ISO 9001	Quality management across all purchasing and delivery processes	Documented procedures, auditable records, continuous improvement
ANSI/ESD S20.20	ESD control in storage and packing areas	Components handled in ESD-safe zones with wrist straps, flooring and packaging
RoHS	Restriction of hazardous substances	Supplied components are RoHS compliant upon request
REACH	Chemical substances registration	Supplied components comply with REACH requirements

Incoming Inspection Workflow

Step	Activity	Record
1. Goods receipt	Quantity, date code and lot number verification against supplier documents	Receiving record
2. Visual inspection	Package integrity, marking consistency, lead condition, signs of rework	Visual report
3. X-Ray inspection	Internal structure, die presence, bond wire check on sampled lots	X-Ray images
4. Solderability test	Wetting balance / dip test per lot where applicable	Test record

Step	Activity	Record
5. Electrical testing	Parameter verification against datasheet limits on sampled units	Test data
6. Release & packing	Pass/fail decision, moisture-barrier packing with desiccant and HIC	Release note

Traceability

Each lot carries documented origin and full movement history, from supplier to shipment. Lot codes are retained in our system so that any batch can be traced back and, if needed, recalled in a targeted way rather than across your whole inventory.

Packing and Handling

- Moisture-sensitive devices packed in moisture-barrier bags with desiccant and humidity indicator.
- Reels and trays labelled with part number, quantity, lot code and date code.
- ESD shielding bags and antistatic bubble wrap for standard shipments.
- Vacuum packing available for long sea freight or extended storage.

Claims and Warranty

Every shipment carries a quality guarantee. If you find a discrepancy, contact us with the lot number, photos and test evidence; claims are handled fast and on the merits — replacement, credit or return, agreed case by case.

Quality documents (RoHS / REACH statements, X-Ray reports, lot traceability records) are available on request — email zach.huang@baolaidi.com.