# Product Catalogue 2026

Component categories supplied by Shenzhen Baolaidi Technology.

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## How To Read This Catalogue

This catalogue summarises the component categories we keep in stock or source on request. Line cards change daily — please send us your part numbers or BOM and we will confirm current availability, lead time and pricing within 48 hours.

## Integrated Circuits

| Family | Notes | Common packages |
|---|---|---|
| Microcontrollers / MPU | ARM Cortex-M and application processors, 8- to 64-bit | QFP, QFN, BGA, WLCSP |
| Memory | NOR/NAND Flash, EEPROM, FRAM, SRAM, DRAM | SOP, WSON, BGA, TSOP |
| Power Management | Buck/boost converters, LDOs, PMIC, battery chargers | SOT, DFN, QFN, SOIC |
| Analog & Interface | Op-amps, comparators, ADC/DAC, RS-232/485, CAN, USB | SOT, SOIC, TSSOP, QFN |
| Logic | Buffers, level shifters, flip-flops, multiplexers | TSSOP, VQFN, SOIC |
| Driver ICs | Gate drivers, LED drivers, motor drivers | SOIC, QFN, HTSSOP |

## Discrete Semiconductors

| Family | Notes | Common packages |
|---|---|---|
| MOSFETs | Low/medium/high voltage, 20 V – 900 V, logic-level gate options | TO-220, TO-252, SOIC, DFN |
| IGBTs | 600 V / 1200 V discrete and modules | TO-247, TO-263, modules |
| Diodes & Rectifiers | Schottky, fast recovery, Zener, TVS, bridge rectifiers | SMA/SMB/SMC, TO-220, SOD-123 |
| BJTs & Thyristors | General purpose and power types, TRIACs, SCRs | SOT-23, TO-92, TO-220 |

## Passive Components

| Family | Range / notes |
|---|---|
| Chip resistors | 01005 – 2512, 1 Ω – 10 MΩ, 1% / 0.5% / 0.1%, thick & thin film |
| Chip capacitors | MLCC 0201 – 1210, 0.5 pF – 100 µF, X5R / X7R / C0G, up to 100 V |
| Electrolytic capacitors | Aluminium 4 V – 450 V, radial & SMD, 105 °C long-life series |
| Inductors | Wire-wound, multilayer, shielded power inductors 0.47 µH – 1 mH |
| Crystals & resonators | 4 MHz – 54 MHz crystals, ±10 ppm / ±20 ppm, HC-49 and SMD |
| Filters & ferrites | EMI filters, common-mode chokes, ferrite beads |

## Connectors, Sensors and Wireless Modules

| Category | Notes |
|---|---|
| Board-to-board / wire-to-board | 0.4 – 5.08 mm pitch, vertical & right-angle, gold/tin plating |
| I/O connectors | USB Type-C, USB-A, RJ45 with magnetics, HDMI, DC jacks |
| FPC / FFC | 0.3 – 1.0 mm pitch, ZIF and non-ZIF, flip-lock types |
| Terminal blocks | Screw, spring-cage and pluggable types, PCB and panel mount |
| Sensors | Temperature, humidity, pressure, current, proximity, accelerometer / gyroscope |
| Wireless modules | Wi-Fi, BLE, LoRa/LoRaWAN, NB-IoT, LTE Cat.1/Cat.4, GNSS |

Stock availability and lead times change daily. Email zach.huang@baolaidi.com with your part list for a quotation within 48 hours.