E-TEC INTERCONNECT
Test Socket Department

High Performance IC Sockets and Adapters
Swiss Manufacturer
A large range of technologies to fit perfectly at your request

- **Spring contact**
  - Price advantage
  - Market leading temperature range: -60°C up to 450°C
  - Up to 3GHz
  - Up to 5 Amp per contact

- **Pogo pin**
  - The best realibility, till +500k cycles
  - High current rating
  - High Frequency >27Ghz
  - Small pitch at 0.3 mm
  - Up to 2 Amp per contact

- **Elastomeric contact**
  - Extremely High Frequency (EHF) approval, capable to 40Ghz certified
  - Smallest pitch technology

- **Others under design**

All kind of mounting available:
- Thru the hole style
- SMT style
- **Solderless** style
E-tec test sockets

_all your components are testable!

- Gullwing chip (QFP, SOIC, TSOP, SOIP,...)
- PGA
- Flat Pack
- CGA
- LGA
- QFN / Power QFN
- Ceramic, space
- LCC
- BGA
- Bumped Chip
- eMMC
- Custom

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Application Fields

- Development
  - Debug Test
- Characterization
  - Test
- HF Test
- Production
  - Test
- ESD Test
- Burn In, HAST, HTOL Test
- Prototyping
- After Sales
- Programming
All In House design for your service

- Base of our design is a machined socket
- Each test socket can be customised, without fees, even for 1 piece
- Regular technical review to reach the target
- Providing value at every opportunity, such as switching in injected socket for high volumes
- High precision machining history
The same dimensions and footprint of your component

thanks to E-tec patents

Thru an **adaptor** or by direct **soldering**

- The smallest socket dimension available on the market
- Same dimension and footprint
- Even for special/custom socket
  and
- Pb plating also available
We customize for free

- Windows: open top, bottom side
- Cavity opening on edge or bottom component, for sensor, connector, air flow
- Slot machining for put wire or circuit flow
- No limitation of the shape of component
- Different level / distance of contacts
- LGA/BGA testable in the same socket
- Create positioning frame design to exactly match customer board
- Special shape or dimensions
- Multicavity for multiple chips on the same socket
- Heatsink adding
- And Others....
We manage your emergency

Rush order level 3 is also available for custom designs, to allow our 3 working days of manufacture.
E-tec Interconnect overview

- Established history of over 20 years experience in Test Socket and adaptors
- **High precision Swiss** manufacturing since 1973
- **Motivated staff** at your service
- Leading technologies with patented designs for the most demanding applications
- **Customisation as standard**: 80% of our products machined, only 20% injected
- 95% of manufacturing for export
- Supporting our customers, some of the biggest companies in the semiconductor.
- Market leading delivery: **3 days for rush order** level 3
- Solutions for 100% of packages, even exotic challenges
- Security of a confidential business: in house design and manufacturing in Switzerland
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