HITS

HANZA INTEGRATED TEST SYSTEM

A cost-effective test solution

An idea

Experience has taught us that when starting up production of new products, it can be hard to motivate a complete test system.

So how can we help our customers with this issue?

The solution

HITS is a test system developed and owned by HANZA.

A standardized test setup with customer specified exchangeable test fixtures.

It can also handle simpler tests without a test fixture.

Customer benefits

Cost saving
HANZA supplies access to the test system for a customized fee. You only need to purchase the test fixture and the software adaptations.

Time savings
Because the test system already exists, we can shorten the timespan from order to production start.

Future proof
Start with a simplified test, then add features when needed. HITS is a modular test system that can easily be expanded with more features.

Handling of test data
All test data is saved in HANZA's own database.

Quality
To ensure accurate measurements we always use traceable calibration and preventive maintenance.

Knowledge
You know the product and we the test system. No third party HITS is a test system fully developed by HANZA.

* Delivery time may vary, dependent on the test complexity

Specifications

<u>Fixture</u> #Test area 285 x 240mm

All instruments are fully connected to the fixture.

<u>Supply voltage</u>

1pcs PSU 4ch a' 0-32V 0-10A incl. Sense. Max 384W, 160W/Ch

1pcs 5VDC xA fixed, 1pcs 12VDC xA fixed
1pcs 24VDC xA fixed.

<u>Data acquisition</u>

20ch. Voltage. Measure. in sequece.
2ch. current. Measure in sequece.

22ch Relay. SPDT.

<u>Electronic DC-load</u> 1Ch, 0-120V, 0-30A, Max 300W

<u>Oscilloscope</u> 4ch 25MHz 200MS/s, inkl.
AWG 1ch 0-100kHz 2MS/s 4kpts

<u>Function generator</u> 2ch 40MHz, 1.25GSa/s, 16bit.
Arb. 8pts~8Mpts

<u>Communication Fixture</u> 2pcs USB, 1pcs LAN

<u>"Tiny test" Test without fixture</u>
Supply voltage
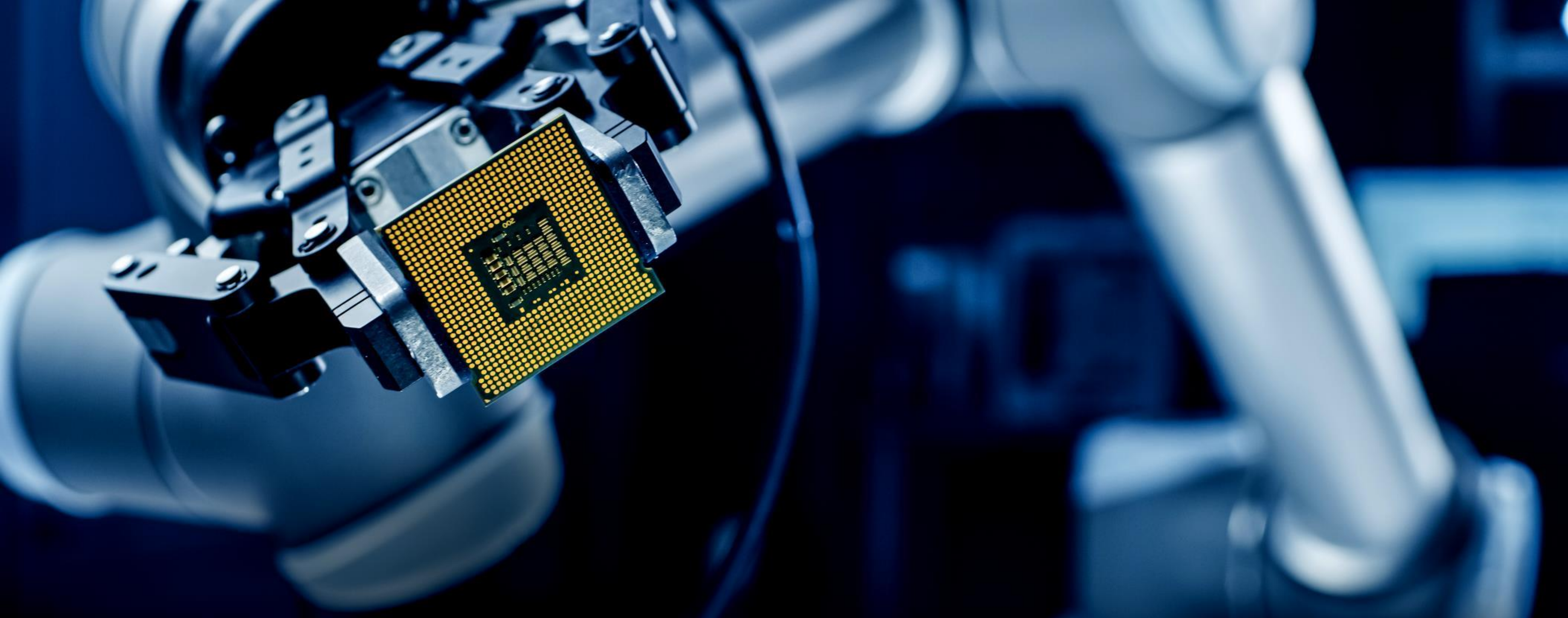1ch 0-32V 0-10A incl. Sense, 1ch 12VDC xA fixed.
Measurement channels 3ch voltage.
Relay 2ch SPDT
Communication 1pcs USB.

#Do you need a larger area, feel free to ask.
OBS! All data and pictures are preliminary.

HANZA

ALL YOU NEED IS ONE™