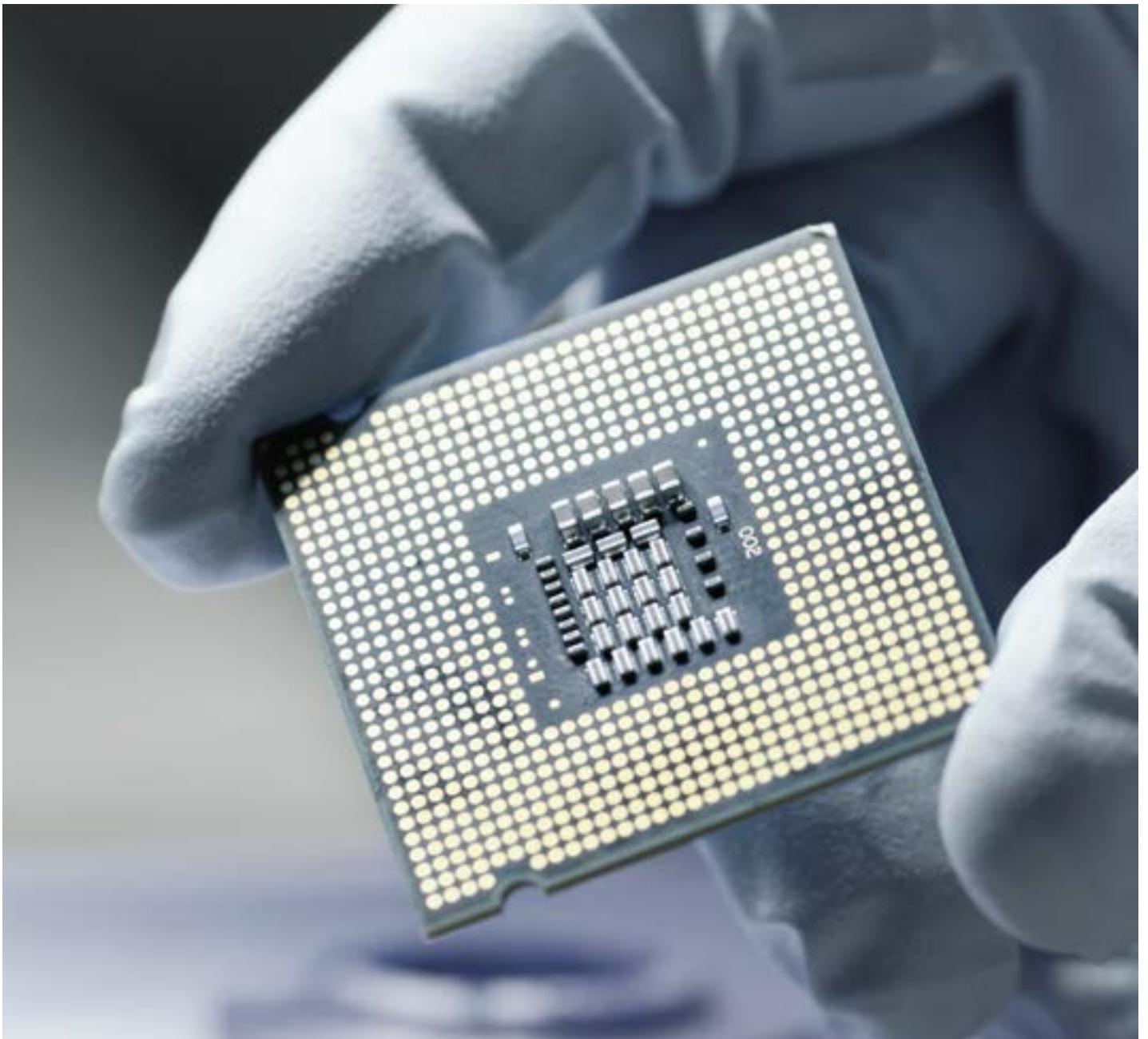


Semiconductor manufacturing solutions

Quick connectors for cooling, gas and vacuum lines



Solutions enabling efficient and modular semiconductor manufacturing

Thanks to Staubli connector solutions, the installation, operations and maintenance of semicon manufacturing equipment is **QUICK, EASY, CLEAN & SAFE**

- No matter the connection media (water, glycol-water, coolant, gas, vacuum)
- No matter the conditions and environment (temperature, pressure, flow, cleanliness requirements,...)

Main benefits

No leakage

Adapted to both low and high temperature

Compatible with fluids used in semicon manufacturing industry

No equipment contamination

Quick to connect & disconnect

Ergonomic – easy to connect/disconnect

Low pressure drop guaranteed

High flow rates

Compact design

Multiple solutions: mono couplings, blind mate, multi plates

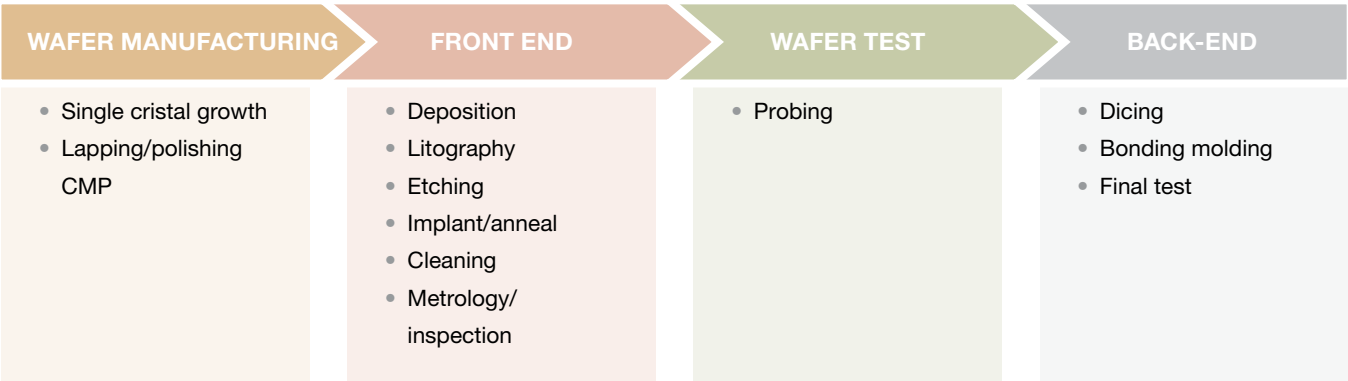
Reliable

Local support at every stage of customer's project

Connection solutions for each step of semicon manufacturing process: Wafer manufacturing, Front-end, Wafer test & Back-end

Guaranteeing efficient and clean cooling, gas & vacuum supply connections between:

- Equipment
- Sub-equipment
- Components
- Utilities



Mono couplings

MCB



Characteristics: non-spill, automatic lock
Material: stainless steel
Temperature (°C): -80 to +250
Max pressure (bar): 100
Nominal diameters (mm): 3, 5, 8, 12, 16

HCB



Characteristics: non-spill, bayonette
Material: stainless steel
Temperature (°C): -40 to +250
Max pressure (bar): 350
Nominal diameters (mm): 3, 5, 8, 12, 16, 20

DAG



Characteristics: non-spill, automatic lock
Material: stainless steel
Temperature (°C): -30 to +150
Max pressure (bar): 16
Nominal diameters (mm): 3, 6, 9

CBI



Characteristics: non-spill, automatic lock
Material: brass
Temperature (°C): -20 to +250
Max pressure (bar): 16
Nominal diameters (mm): 3, 6, 9, 12, 16, 25

Rackable couplings

CGD/L



Characteristics: non-spill, blind-mate, misalignment compensation
Material: aluminium
Temperature (°C): -40 to +175
Max pressure (bar): 16
Nominal diameters (mm): 3, 5, 8, 12

DDG



Characteristics: non-spill, blind mate, misalignment compensation
Material: stainless steel
Temperature (°C): -20 to +150
Max pressure (bar): 16
Nominal diameters (mm): 3, 6, 15



All products performances values are depending on the application, type of media and size of product.

Large bore couplings

TDU



Characteristics: full-flow
Material: stainless steel
Temperature (°C): -10 to +80
Max pressure (bar): 10
Nominal diameters (mm): 24, 50

Multi couplings

MULTI



- Connecting multiple circuits, different media and electric lines at once.
- Customized design.

For additional information, more solutions and options, please contact your local Staubli representative.



● Stäubli Units ○ Representatives/Agents

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