

QUOTATION GUIDE LINES

- **General**
 - Top Plate?
 - Select Guided Top Plate when:
 - Probes on test pads
 - Probes 050 mils or 039 mils
 - Test pads diameter < 0.035"
 - Select Ultratop when:
 - Test pads diameter < 0.028"
 - Hold Down
 - Select iTech Vacuum Box when:
 - Add quantity of Push Fingers (#total probes / 10)
 - Top side probes, accuracy
 - Sensors
 - Opened vias or holes
 - > 1000 probes
 - Select Overclamp when:
 - Add quantity of Push Fingers (#total probes / 10)
 - < 1000 probes
 - Sensors
 - Need access to UUT (Cooling, Switches, Pots, Micro, etc)
 - Select Light Duty Overclamp when:
 - Add quantity of Push Fingers (#total probes / 10)
 - < 300 probes
 - Sensors
 - Need access to UUT (Cooling, Switches, Pots, Micro, etc)
 - Budget restriction
 - Select Molded Gasket when:
 - < 500 probes
 - Board completely sealed
 - Need access to UUT (Cooling, Switches, Pots, Micro, etc)
 - No Testjets
 - More than 2000 probes?
 - Select options Double Base & Double Lexan
 - Select Drilling for Double Base (DB)
 - X-Probes (Quantum)?
 - X75 = 100 probes + 075 probes
 - X50 = 050 probes
 - X39 = 039 probes
 - Switch probes?
 - Select iTech Vacuum Box for Hold Down
 - Top side probes?
 - Add quantity of Transfert Points
 - Select iTech Vacuum Box for Hold Down
 - Select Shorting Plate 2 Sides option
 - 039 mils probes?
 - Select Quantum fixture technology with X-Probes

- **Agilent**

- Ground Plane?
 - Select Ground Plane option
 - Select Drilling for Ground Plane (GP)
 - Add quantity of Ground wires
- Quantum?
 - Select Quantum fixture kit
 - Select X-Probes
- Testjet?
 - 64 Testjet maximum per mux card
- Estimate?
 - P.P. = 1.75 * Probes
 - Drilling = 3.2 * Probes
 - Wires = 1.5 * Probes
- Needed files:
 - drill, drilltop
 - inserts
 - summary
 - testjet_mux
 - trace
 - wires
- Max UUT:
 - Single Bank: 11" X 13.5"
 - Double Bank: 24" X 14.5"
 - Single Bank Extended: 15" X 13.5"
 - Double Bank Extended: 28" X 14.5"
 - Single Bank Dual Well: 10" X 5.5"
 - Double Bank Dual Well: 10" X 13.5"

- **Genrad**

- Always include Ground Plane option & Drilling for Ground Plane (GP)
- Opens Xpress?
 - Add Transfer Bloc option
 - 32 OpenXpress maximum per mux card
 - Bottom et top?
 - 1 or 2 mux card?
- Twisted wiring?
 - Select Twisted wires
 - Add quantity of Ground Strips (1 strip per row, 128 pins per row)
- Quantum?
 - Select Quantum option (using a regular fixture kit)
 - Select X-Probes
- Needed files:
 - FILE.DPR for OpenXpress
 - FILE.FWI for Power connections
 - FILE.PWR for Power Injection points
 - NAILS.ASC for Test Point coordinates & Interface assignment
 - PCB drill file
- Max UUT:

- Small (G1): 9.25" X 7"
- Medium (G2): 14" X 11.25"
- Large (G4): 23.25" X 16.25"
- Dual Well (G5): 9.25" X 16.25"

- **Teradyne Zentel 18XX**

- Always include Ground Plane option & Drilling for Ground Plane (GP)
- Add quantity of Interface Wires (# total wires / 8)
- Framescan?
 - 64 Framescan maximum per mux card
- Twisted wiring?
 - Select Twisted wires
 - Select Interface Ground Plane option
- Quantum?
 - Select Quantum option (using a regular fixture kit)
 - Select X-Probes
- Needed files:
 - NAILS.ASC for Test Point coordinates & Interface assignment
 - PCB drill file
- Max UUT:
 - Small (G1): 9.25" X 7"
 - Medium (G2): 14" X 11.25"
 - Large (G4): 23.25" X 16.25"
 - Dual Well (G5): 9.25" X 16.25"

- **Teradyne Spectrum**

- Always include Ground Plane option & Drilling for Ground Plane (GP)
- Add quantity of Interface Wires (# total wires / 4)
- Framescan?
 - 64 Framescan maximum per mux card
- Quantum?
 - Select Quantum option (using a regular fixture kit)
 - Select X-Probes
- Needed files:
 - NAILS.ASC for Test Point coordinates & Interface assignment
 - PCB drill file
- Max UUT:
 - Medium (G2): 14" X 11.25"
 - Medium - Large (G3): 17.25" X 16.25"
 - Large (G4): 23.25" X 16.25"
 - Dual Well (G5): 9.25" X 16.25"