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|---------------------------------|-------------------------------------|
|                                 | <b>Spec Information</b>             |
| Specification Title             |                                     |
| Specification Revision          | 1                                   |
| Specification Filter Date       | 2003/7/9                            |
| Date Last Modified              | 2003/7/9                            |
|                                 | <b>System Overview</b>              |
| <b>General Information</b>      | <b>Selected Option</b>              |
| Customer Name                   |                                     |
| Customer Number                 |                                     |
| Fab Name                        |                                     |
| Unit Number                     |                                     |
| Fab Region                      |                                     |
| Forecast or Order               | SYSTEM ORDER                        |
| Technology                      | WCVD                                |
| Platform Type                   | Endura SL                           |
| Device Fabrication Info         | Application                         |
| <b>Wafer Specification</b>      | <b>Selected Option</b>              |
| Wafer Size                      | 300MM (12 INCH)                     |
| Wafer Shape                     | NOTCH                               |
| <b>Chamber Type/Location</b>    | <b>Selected Option</b>              |
| Position 1                      | TUNGSTEN                            |
| Position 4                      | TUNGSTEN                            |
| Position C                      | TUNGSTEN                            |
| Position D                      | TUNGSTEN                            |
|                                 | <b>Customer Fab Options</b>         |
| System Labels                   | ENGLISH WITH CHINESE NON SIMPLIFIED |
|                                 | <b>Pos 1/4/C/D - Tungsten</b>       |
| <b>Tungsten Chamber</b>         | <b>Selected Option</b>              |
| Process Kit Type                | NCSR 1.5MM                          |
|                                 | <b>Mainframe Options</b>            |
| <b>Loadlocks</b>                | <b>Selected Option</b>              |
| SWLL Cooldown                   | FAST COOLDOWN                       |
|                                 | <b>Factory Interface Options</b>    |
| <b>Factory Interface System</b> | <b>Selected Option</b>              |
| WIP Delivery Type               | OHT WIP DELIVERY                    |
| Number of Load Ports            | 2 LOAD PORTS                        |
| Load Port Types                 | ENHANCED 25 WAFER FOUF              |
| Configurable Colored Lights     | YES                                 |
| Operator Access Switch          | YES                                 |
| E84 PIO Sensors and Cables      | UPPER E84 SENSORS AND CABLES        |
| E99 Carrier ID                  | KEYENCE WITH BCR                    |
| Air Intake Systems              | TOP INTAKE                          |
| Light Towers                    | 4 COLOR CONFIGURABLE LIGHT TOWER    |
|                                 | <b>Remote Options</b>               |
| <b>Heat Exchangers</b>          | <b>Selected Option</b>              |
| Heat Exchanger                  | NESLAB CHILLER/Steelhead-1          |
| Heat Exchanger Quantity         | 2                                   |
| Heat Exchanger Hose             | 3/4" hose size                      |
| <b>Pumps</b>                    | <b>Selected Option</b>              |
| IPUP Type                       | ALCATEL A100L                       |
| Position 1 Rough Pump           | EBARA-A150 Type                     |
| Position 4 Rough Pump           | EBARA-A150 Type                     |
| Position C Rough Pump           | EBARA-A150 Type                     |
| Position D Rough Pump           | EBARA-A150 Type                     |
| <b>Local scrubber</b>           | <b>Selected Option</b>              |
| Unisem                          | UN2002APG                           |