**Att. No. 1**

**ORDER DESCRIPTION**

1. **Object of the contract**

The subject of the order is the supply of semiconductors wafers listed below by name and quantity needed:

1. InP SI 2” DSP 50 pieces
2. InP SI 2” SSP 50 pieces
3. InP SI 3” DSP 50 pieces
4. InP SI 3” SSP 25 pieces
5. InP SI 4” DSP 25 pieces
6. **Parameters**

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| --- | --- | --- | --- |
| Product name | | Parametrer | Specification |
| **2” InP Semi Insulating**  **Doped with Fe** | Diameter 2”  Thickness: 350±25 µm  Diameter: 50.8±0.4 mm | Grade: | Prime, Epi-ready |
| Orientation: | (100)±0.3o |
| Primary Flat: | EJ (0-1-1) ±0.5o |
| Secondary Flat | EJ (0-11) ±0.5o |
| Resistivity: | >1E7 ohm cm |
| EPD (Average): | ≤10 000/cm2 max |
| Surface Finish: | DSP (double side polished)  Side 1: Polished  Side 2: Polished |
| SSP (single side polished)  Side 1: Polished  Side 2: Etched |
| Packaging: | ePAK, individual box, sealed with N2 in a moisture-stopping metallic foil bag, done in class 100 clean room. |
| Product name | | Parametrer | Specification |
| **3” InP Semi Insulating**  **Doped with Fe** | Diameter 3”  Thickness: 600±30 µm  Diameter: 76.2±0.3 mm | Grade: | Prime, Epi-ready |
| Orientation: | (100)±0.3o |
| Primary Flat: | EJ (0-1-1) ±0.5o |
| Secondary Flat | EJ (0-11) ±0.5o |
| Resistivity: | >1E7 ohm cm |
| EPD (Average): | ≤10 000/cm2 max |
| Surface Finish: | DSP (double side polished)  Side 1: Polished  Side 2: Polished |
| SSP (single side polished)  Side 1: Polished  Side 2: Etched |
| Packaging: | ePAK, individual box, sealed with N2 in a moisture-stopping metallic foil bag, done in class 100 clean room. |
| Product name | | Parametrer | Specification |
| **4” InP Semi Insulating**  **Doped with Fe** | Diameter 4”  Thickness: 625±25 µm  Diameter: 100±0.4 mm | Grade: | Prime, Epi-ready |
| Orientation: | (100)±0.3o |
| Primary Flat: | EJ (0-1-1) ±0.5o |
| Secondary Flat | EJ (0-11) ±0.5o |
| Resistivity: | >1E7 ohm cm |
| EPD (Average): | ≤10 000/cm2 max |
| Surface Finish: | DSP (double side polished)  Side 1: Polished  Side 2: Polished |
| Packaging: | ePAK, individual box, sealed with N2 in a moisture-stopping metallic foil bag, done in class 100 clean room. |