

4. Getting Started

4.1 Input to Si Processing in an Industrial Environment

4.1.1 The Factory

4.1.2 Producing Semiconductor-Grade Silicon

4.1.3 Silicon Crystal Growth and Wafer Production

4.1.4 Summary to: 4.1 Input to Si Processing in an Industrial Environment

4.2 Other Semiconductor Crystal Growth Technologies

4.2.1 Single Crystals Other Than Si

4.2.2 No Need For Single Crystals

4.2.3 Summary to: 4.2 Other Semiconductor Growth Technologies

4.3 Infrastructure

4.3.1 Cleanrooms and Defects

4.3.2 Packaging and Testing

4.3.3 Working in Chip Development and Production

4.3.4 Generation Sequences

4.3.5 Summary to: 4.3 Infrastructure

4.4 Summary

4.4.1 Summary to: 4. Getting Started