



NVIDIOSO SEMICONDUCTOR MANUFACTURING

Corporate Deck



ABOUT NVIDIOSO

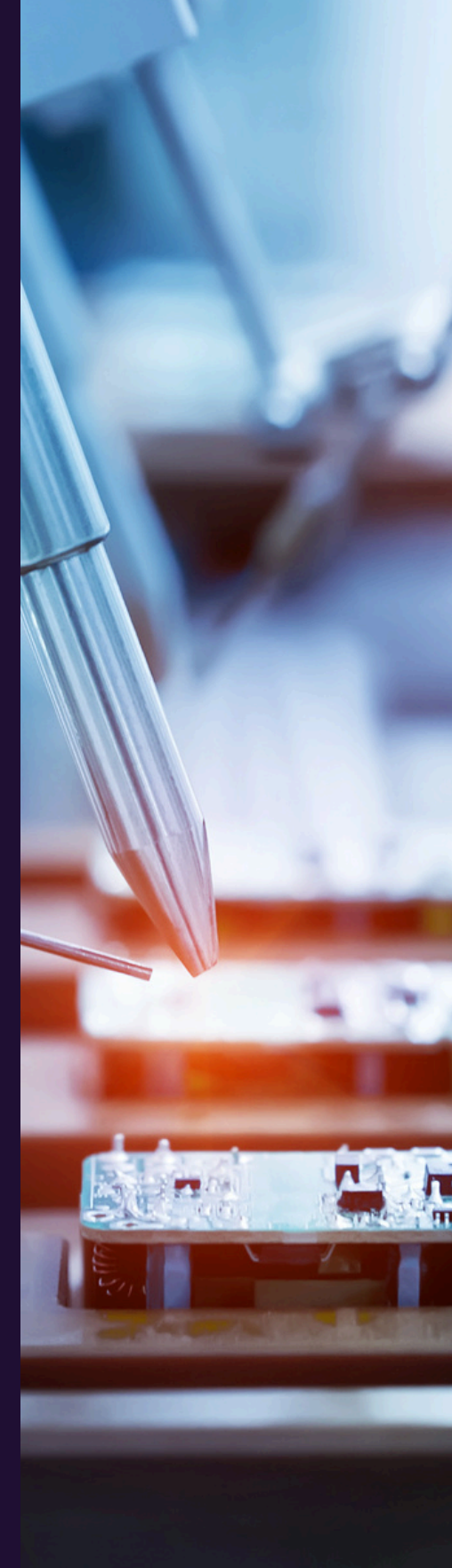
- NVIDIOSO IS A PIONEERING CHIP MANUFACTURING COMPANY BASED IN MEXICO, COMMITTED TO LEADING THE SEMICONDUCTOR INDUSTRY WITH INNOVATIVE, HIGH-PERFORMANCE, AND COST-EFFECTIVE SOLUTIONS.
- OUR MISSION IS TO INTEGRATE US INTO THE VALUE CHAIN IN NORTH AMERICA, BY LEVERAGING OUR PROXIMITY TO THE USA MARKET AND PROMOTING NATIONAL GROWTH IN THE INDUSTRY.





OSAT SERVICES

- **WAFER PROCESSING**
 - IMPLEMENT WAFER BUMPING TECHNIQUES TO PREPARE WAFERS FOR SUBSEQUENT PACKAGING PROCESSES.
 - ESTABLISH WAFER PROBING CAPABILITIES TO TEST INDIVIDUAL DIES FOR FUNCTIONALITY.
 - INCORPORATE WAFER BACKGRINDING TO ACHIEVE DESIRED THICKNESSES FOR PACKAGING.
- **PACKAGING SOLUTIONS**
 - DEVELOP A RANGE OF LEADFRAME AND SUBSTRATE-BASED IC PACKAGING TO ACCOMMODATE VARIOUS SEMICONDUCTOR APPLICATIONS.
 - OFFER ADVANCED PACKAGING OPTIONS, INCLUDING SYSTEM-IN-PACKAGE (SIP) AND WAFER-LEVEL CHIP-SCALE PACKAGING (WLCSP).
- **COMPREHENSIVE TESTING SERVICES**
 - PROVIDE HIGH-FREQUENCY RF TESTING AND MIXED-SIGNAL TEST CAPABILITIES TO ENSURE PRODUCT PERFORMANCE.
 - SET UP DEDICATED TEST ENGINEERING SUPPORT AND FAILURE ANALYSIS TEAMS TO ENHANCE QUALITY ASSURANCE.
- **LOGISTICS AND SUPPLY CHAIN MANAGEMENT**
 - OFFER TAPE & REEL SERVICES FOR EFFICIENT COMPONENT HANDLING AND INTEGRATION INTO CUSTOMER ASSEMBLY LINES.
 - PROVIDE DROP-SHIPMENT SERVICES TO DELIVER PRODUCTS DIRECTLY TO END-USERS OR DISTRIBUTION CENTERS.
- **DIGITAL TWINS**
 - SIMULATION & PREDICTIVE ANALYSIS: DIGITAL REPLICAS OF SEMICONDUCTOR DEVICES ARE CREATED TO SIMULATE REAL-WORLD PERFORMANCE UNDER DIFFERENT CONDITIONS.





FAB SERVICES

- THE FOUNDRY VISION IS TO FOCUS ON A WIDE RANGE OF CAPABILITIES, AND ADAPT TO THE NECESSITIES OF TECHNOLOGY DEVELOPERS

Materials/Dopants	Products
Silicon	SOI devices, MEMS, transistors, ICs, photonics,
Group III-V	Amplifiers, oscillators, switches, optoelectronics, SoCs (System-on-a-Chip), high frequency devices, ICs
Silicon-Germanium	Transistors, BiCMOS, MEMS, photonics
Wide bandgap semiconductors	Power electronics, high electron mobility transistors, optoeletronics
Hafnium dielectrics	Advanced CMOS, high performance SoCs, logic devices, FPGAs, memory systems, high frequency devices
Metal Gates	High performance SoCs, logic devices, SOI





WHY TO CHOOSE NVIDIA IOSO?

- NEARSHORING AND RESILIENCE:

- PROXIMITY TO THE U.S. REDUCES LEAD TIMES AND LOGISTICS COSTS, BENEFITING FROM USMCA TRADE ADVANTAGES.

- COST EFFICIENCY:

- LOWER LABOR AND OPERATIONAL EXPENSES IN MEXICO, REDUCING PRODUCTION COSTS COMPARED TO ASIA AND THE U.S.

- AI-DRIVEN QUALITY CONTROL:

- DIGITAL TWIN TESTING AND PREDICTIVE MAINTENANCE REDUCE DEFECTS, IMPROVE YIELD, AND PREVENT EQUIPMENT FAILURES.

- COMPLIANCE AND CERTIFICATIONS:

- [IN PROCESS] CERTIFIED TO ISO 9001, IATF 16949, AND ISO 14001 STANDARDS, ENSURING HIGH-QUALITY PRODUCTION.

- FLEXIBLE AND SCALABLE OPERATIONS:

- CUSTOM SOLUTIONS FOR CLIENTS, SCALABLE PRODUCTION.

- SUSTAINABILITY COMMITMENT:

- CLEAN ENERGY UTILIZATION, REDUCED CARBON FOOTPRINT, AND ECO-FRIENDLY MANUFACTURING PROCESSES.

- STRATEGIC POSITIONING:

- SUPPORTING NORTH AMERICAN FABs WITH LOCAL ATP SERVICES, ENSURING SUPPLY CHAIN STABILITY AND FASTER TIME-TO-MARKET.



OUR TEAM

- +22 YEARS OF INDUSTRY EXPERIENCE
- EXTENSIVE EXPERIENCE IN SEMICONDUCTOR ENGINEERING, DIGITAL STRATEGY, AND GLOBAL OPERATIONS.
- LEADERSHIP BACKGROUNDS IN EXECUTIVE MANAGEMENT, ENGINEERING MANAGEMENT, AND QUALITY CONTROL FROM TOP SEMICONDUCTOR COMPANIES.
- EXPERTISE IN NANOTECHNOLOGY, YIELD MANAGEMENT, AND OPERATIONAL EXCELLENCE.
- PROVEN CAPABILITIES IN BUSINESS DEVELOPMENT, SUPPLY CHAIN MANAGEMENT, AND MARKET EXPANSION.
- STRONG NETWORK AND PRESENCE IN KEY MARKETS, INCLUDING ISRAEL, TAIWAN, AND MEXICO.
- COMMITTED TO DRIVING INNOVATION AND DELIVERING HIGH-QUALITY OSAT SOLUTIONS.

CONTACT

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