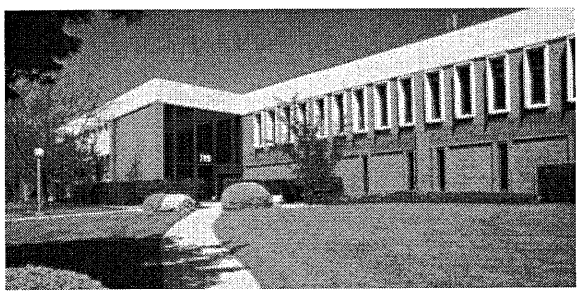
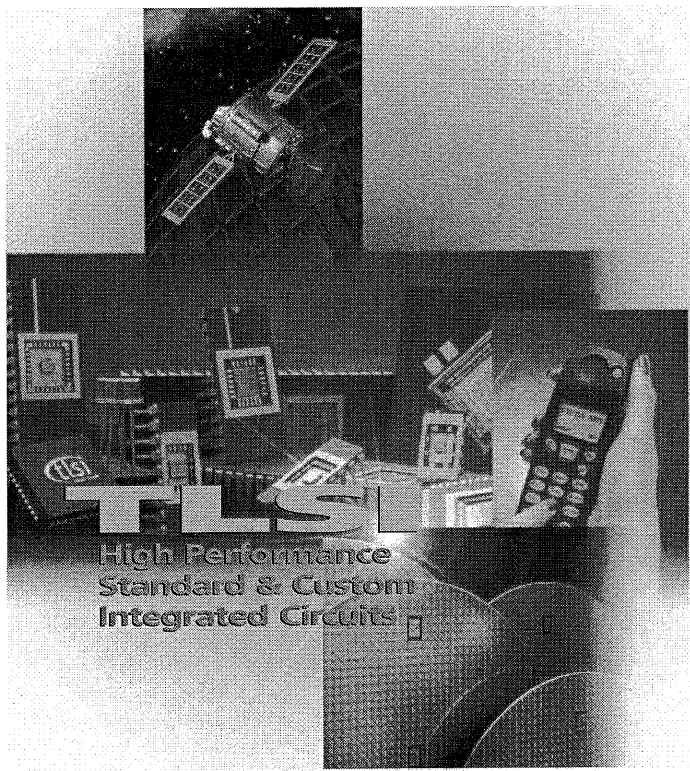


TLSI Inc. is a broad-based Mixed-Signal fabless semiconductor manufacturer providing IC silicon solutions for a wide range of applications serving the consumer, military/aerospace, wireless, industrial, fire/smoke/security, automotive, medical, telecommunications and computer markets. For more information, call TLSI at 631-755-7005, or visit us at www.tlsi.com



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Silicon Driven™

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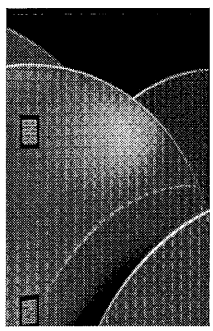


About TLSI

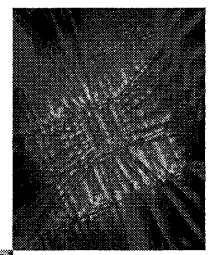
A FULL-SERVICE IC PROVIDER

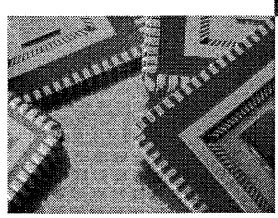
TLSI is an advanced Mixed-Signal integrated circuit company that was established in 1977 to support the custom integrated circuit needs of its parent company, Telephonics Corporation, a worldwide leader in Integrated Information and Communications Systems technology. Today, TLSI is a broad-based fabless manufacturer of Standard and Full-Custom Integrated Circuits. From Fortune 100 companies to small businesses, industry has come to rely on TLSI for leading edge analog, digital and Mixed-Signal (analog/digital) integrated circuits.

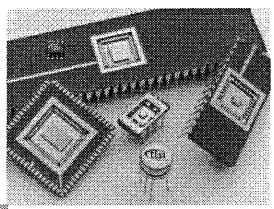
Over the years, TLSI has built an enviable reputation as a leading edge manufacturer who can successfully convert design concepts into reliable, cost-effective silicon circuits. TLSI is ISO 9001-2000 certified and backed by the financial resources of both Telephonics and its corporate parent, Griffon Corporation, an NYSE-listed company with over $1.2 billion in annual sales.

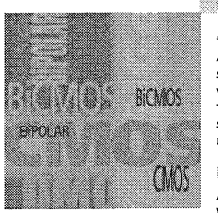
SERVING A WIDE VARIETY OF INDUSTRIES

TLSI's IC experience spans consumer, military/aerospace, wireless, industrial, fire/smoke/security, automotive, medical, telecommunications and computer applications. Our extensive IC knowledge bank and experience empower us to meet the challenges of these diverse and evolving markets.









A COST-EFFECTIVE APPROACH

At TLSI, we produce Analog, Digital and Mixed-Signal integrated circuits that make systems more efficient and cost effective. Our engineers take pride in working closely with our customers' engineering staffs to guarantee an optimum IC solution that functions properly in the final application. TLSI always provides the most cost-effective silicon IC solution, whether it be Standard or Custom Products, or end-of-life (EOL) retooling.

MULTIPLE PROCESS CAPABILITY

As a fabless provider of integrated circuits, TLSI is never dependent on one foundry. We have long-term agreements with numerous foundries, which allow us to design our ICs using a broad spectrum of process technologies ranging from CMOS to BiCMOS to BiPOLAR to DMOS to SiGe. This capability assures customers that the processes we select will be the most appropriate for their application. We believe ***"applications should dictate the process, and not vice-versa."*** This always enables our customers to achieve the ideal cost-effective silicon solution for their specific system needs.

SYSTEM EXPERIENCE

One of TLSI's most unique and valuable assets is the strong system-level design experience of our engineering staff. This talent allows TLSI to recommend, partition and develop silicon solutions that meet or exceed all customer system requirements in the most cost-effective manner.

Focused Solutions

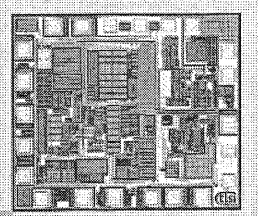
Concept to Completion

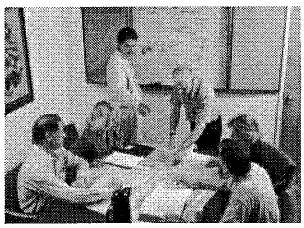
CUTTING EDGE DESIGN, DEVELOPMENT, PRODUCTION AND TEST

TLSI follows a rigorous series of success-proven ISO 9001-2000 design procedures for every IC we develop. Using sophisticated Analog, Digital and Mixed-Signal design tools running on advanced engineering workstations, TLSI designs and simulates the IC parametrics in order to create a computer-generated schematic. Rigorous simulations then validate the analog circuitry and digital logic, and their interaction. Next, we lay out and interconnect the macro cells.

At this point in the design cycle, TLSI engineers re-simulate the design using parameters extracted by computer from the actual layout, and then back-annotate and re-run the original simulations. Finally, TLSI's automated design checks verify that the layout agrees with the schematic while it simultaneously confirms that process electrical and geometric design rules are satisfied.

Masks are then generated and subsequently used to fabricate wafers. These wafers are diced and assembled into packages. Each device is tested on our in-house automated Mixed-Signal test equipment prior to final QA inspection and shipment. We also utilize offshore packaging and test facilities for our high-volume standard products.





Premier Problem Solvers

TECHNICAL EXPERTISE

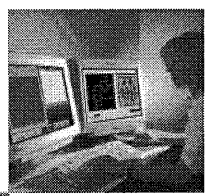
For well over two decades, TLSI has specialized in designing and manufacturing innovative Mixed-Signal ICs. We have developed hundreds of unique IC solutions. Customers benefit not only from this vast knowledge bank, but also from an engineering staff that is skilled in the design of Mixed-Signal ICs which meet all specifications, both stated and implied.

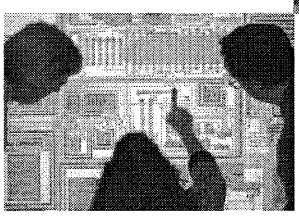
STANDARD PRODUCTS

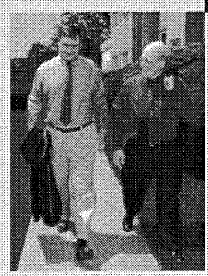
TLSI is a leading-edge supplier of high quality custom ASICs to a wide variety of industries. Over the years, we have invested heavily in the development of a unique library of high-technology Intellectual Property. TLSI is now leveraging this IP to provide high-tech, low-cost solutions by expanding our Mixed-Signal expertise into the development of Application Specific Standard Products (ASSPs). Our initial line of high-quality Standard Products is focused on the burgeoning digital multimedia and networking markets. Other development efforts in Standard Products are focused on other high-growth areas such as wireless data communications.

CUSTOM ASICs

The rapid pace of technology has created an urgent need to reduce IC cost and size while enhancing system performance. This has sparked a growing demand for the use of sophisticated full-custom Mixed-Signal ICs. As a highly regarded designer and producer of full-custom ICs, TLSI is satisfying the needs of many diverse industries. Our versatility of foundry access, coupled with our proprietary Universal Design Rules, allow us to provide ***true second sourcing capability*** for all of our custom ICs.







STRATEGIC ALLIANCES

Starting with the initial customer contact and continuing through design and production, TLSI management and engineers are committed to customer satisfaction. Since development of the circuit specification is most crucial, our partnership begins at the concept stage. Here, our engineers are uniquely skilled in helping customers define custom ASICs that meet their system level requirements.

Once Engineering develops a clear understanding of the exact circuit and system requirements, leading-edge CAE, CAD and CAT equipment is used to design and produce an economical integrated circuit device that satisfies the entire range of functionality specified by the customer. This same rigorous process is utilized in developing our line of ASSPs.

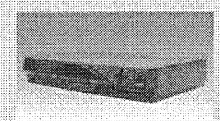
CUSTOMER COMMUNICATION

TLSI engineers maintain a constant dialogue with customers throughout the entire design and development cycle. ***Our organization, from senior management on down, is prepared to work one-on-one with each customer to ensure the long term success of a project.***

CUSTOMER COMMITMENT

Every TLSI customer benefits greatly from our cost-effective, innovative Standard and Custom ASIC solutions. TLSI has built its reputation on the unique ability to create ICs that meet or exceed performance and quality requirements at the lowest possible cost and with on-time deliveries. Once an ASIC is in production, ***TLSI can guarantee its supply throughout the product's entire lifecycle—for a minimum of 20 years.***

Productive Partnerships



Product Spectrum

PRECISION TIMING PRODUCTS

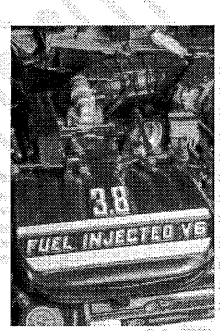
Incredible advances in information processing technology have dramatically altered the way we communicate. At TLSI, this is a world we welcome. In the global communication revolution, TLSI is ideally positioned with unique, robust and cost-effective products that allow communications companies to keep up with the challenges of this exploding growth area. In an effort to reduce cost and time to market for critical consumer applications, we have added Standard Products to our ongoing, full-custom ASIC business.

A perfect example of this is our family of VCXO, TCXO, OCXO and PLL Clock Generator ICs. These sophisticated devices maximize system performance by providing a stable, low-noise clock reference for the precise transmission and processing of data. TLSI Clock Generators are ideally suited for cell phones, routers, hubs, PCs, telephony modems, cable modems and set-top boxes, as well as a universe of other data transmission devices that demand precision timing.

In addition, TLSI offers a family of industry standard clock fanout buffers and logic translators that provide high-performance, yet low-cost solutions for clock distribution applications.

LOW-NOISE AMPLIFIERS

Micro-miniature integrated silicon microphones represent another important area served by TLSI. Our Mixed-Signal ASICs provide signal conditioning for both transmit and receive signals. Our silicon microphone ICs are being widely incorporated into cellular phones and automotive phone systems.



CUSTOM APPLICATIONS

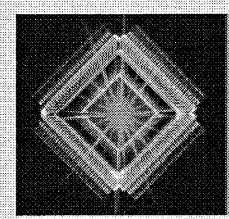
TLSI ASICs are used to enable high-speed, low-noise data transfer in routers, hubs, intelligent switching networks, cable modems, power line modems, Data Access Arrangement modules, PCMCIA devices and hard drives.

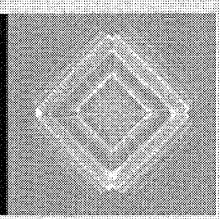
TLSI's long-standing experience in security applications is unparalleled. Our custom ICs are helping the world's largest manufacturers of smoke, motion, access and intrusion alarms to provide state-of-the-art monitoring.

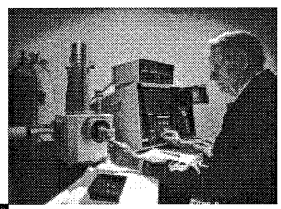
Advances in automotive electronics are also evolving rapidly. Major automotive suppliers have incorporated TLSI's ASICs in their OEM modules. We have the design and production expertise to meet the rigorous requirements of under-the-hood applications, as well as less demanding passenger compartment applications. Our ICs control engines, deploy airbags, and operate power window controllers, rear window defoggers, remote keyless entry systems, ignition controllers, oil and coolant level sensors and electronic horns.

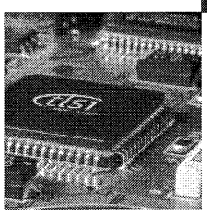
TREE: TLSI REVERSE ENGINEERING AND EMULATION

When an ASIC or IC is obsoleted by your supplier, TLSI will replicate exact "Form/Fit/Function" replacements. Using samples, schematics and other available documentation, our experienced team will engineer drop-in duplicates—giving you a cost-effective alternative to system re-design and its associated costs. Our depth of expertise and years of experience, combined with our relationships with foundries using sunset technologies, make us uniquely qualified to reproduce older designs. If need be, we can even add value by integrating additional features and circuitry to the ASIC. We guarantee a minimum 20-year source of supply on every ASIC we manufacture for you. With the TLSI TREE Process, you know you won't be left high and dry again.









TOTAL QUALITY MANAGEMENT

At TLSI, we are dedicated to producing zero defect integrated circuits—and 100% customer satisfaction. To achieve this, our ISO 9001-2000 procedures require employees from every part of our organization, including executive management, to meet regularly. At these meetings, potential problems are identified and corrected, and methods for continuously improving our products and services are reviewed.

STATISTICAL PROCESS CONTROL

TLSI's proven Statistical Process Control (SPC) program and trend analysis guarantees process consistency, product quality and reliability. These powerful tools are aimed at making certain that our final product flow is maintained within established control limits throughout the manufacturing process. TLSI's dedication to quality requires our suppliers to utilize these same SPC methods. We also ensure consistency in our products via our in-process monitors and 100% final test of all product prior to shipment. Periodic conformance and reliability testing using accelerated life test methods further assure that TLSI's integrated circuits maintain their integrity years after initial production.

EXCEED RIGOROUS STANDARDS

TLSI integrated circuits are designed to meet or exceed the rigorous standards of telecommunication equipment manufacturers, U.S., Japanese and European auto companies, major home appliance producers, consumer product manufacturers and military/aerospace contractors. OEM products that are produced using TLSI integrated circuits are certified by Underwriters Laboratories, BEAB and the United States Government.

Quality Without Compromise