



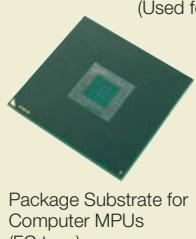
400W DC-AC Inverter  
(Used in the Tacoma)



DC-DC Converter for the EPS  
(Used for the Lexus LS Hybrid)



Low-Temperature  
Polysilicon TFT-LCD Panel



Package Substrate for  
Computer MPUs  
(FC type)



One-Segment Television  
Tuner Module for PCs

## Electronics Business

### Contributing to the Reduction of Environmental Impact through the Spread of Hybrid Vehicles

#### Environmental Responsibilities

- To manufacture core components for environmentally friendly hybrid vehicles
- To help curb global warming through energy conservation and power efficiency during use by making our products more compact, light weight, and efficient

#### Social Responsibilities

- To maintain and improve the reliability and safety of our products
- To make our products more compact, lightweight, efficient, and lower in cost
- To ensure their reliability as an emergency power source in times of natural disaster

#### Our Quest to Become the Leading Supplier of Power Electronics Devices and Systems for Vehicles

Hybrid vehicles have attracted significant attention from around the world with their superior environmental friendliness. Toyota Industries' electronics business produces DC-DC converters, which are an extremely important component for hybrid vehicles. They convert the high voltage of the main battery to a lower voltage to recharge the auxiliary battery and to supply power to the lights, wipers, horns, and other in-vehicle devices, as well as to operate the electric power steering. By making further improvements to our products so that they are more compact, lightweight, have higher efficiency, and lower costs we believe that we are contributing to the performance and popularization of

hybrid vehicles, and hence contributing to a reduction in their environmental impact. Given the direct effect of the performance and function of our products on a vehicle's fuel consumption, costs, and safety, the production of defective components is unacceptable. Toyota Industries has, therefore, been working on activities to improve market quality since 2004. In 2005, we started production of DC-DC converters for EPS (electric power steering) used on the Lexus (hybrid vehicle models), the top-of-the-line luxury brand of Toyota vehicle.

The electronics business also manufactures DC-AC inverters that convert direct current to alternating current. We aim to become the top supplier of power electronics devices, such as converters and inverters, and electric power systems for motor vehicles. We will continue to work on enhancing design, production preparation, and initial management, to ensure a stable supply of high quality products and to improve production efficiency in order to meet anticipated increases in demand.

#### Electronics for the Telecommunications Industry

We have also engaged in another electronics business, not only for automobile manufacturers, but also for manufacturers of personal computers and mobile devices. ST Liquid Crystal Display Corp (STLCD), a joint venture with Sony Corporation, manufactures low-temperature polysilicon TFT-LCD panels, a cutting-edge liquid crystal display, for use in digital still cameras, video cameras, PDAs, and mobile phones used across the globe. TIBC Corporation, a joint venture with Ibiden Co., Ltd. manufactures the latest semiconductor package substrates for use in personal computers, mobile phones, IC cards, etc.

We are also supporting the multimedia capabilities of personal computers, portable devices, and some automobiles with our proprietary digital terrestrial television tuner with encryption and imaging technologies.

#### TOPICS 22nd International Battery, Hybrid and Fuel Cell Electric Vehicle Symposium & Exposition (EVS22)

The EVS22 is the world's largest international symposium dedicated to electric vehicles, including hybrid and fuel cell electric vehicles, and was held at the Pacifico Yokohama from October 23 through 28. We exhibited DC-DC converter and DC-AC inverter.



Toyota Industries' exhibition booth in EVS22