Green Procurement

The Fujitsu Group has set out the basic requirements for environmentally sound procurement of parts, materials and products in the Fujitsu Group Green Procurement Direction, and works with its suppliers on green procurement activities.

We ask all our business partners to arrange and administer an OMS (Environmental Management System) to continually implement activities to reduce the environmental load. We also ask parts and materials suppliers to arrange an OMS (Chemical substances Management System). The Fujitsu Group Environmental Protection Program Stage VI which is currently underway, also calls for efforts toward restricting and reducing CO₂ emissions, and for conserving biodiversity. The Group is working together with our business partners on initiatives to address climate change issues and the conservation of biodiversity, which have become international issues.

In advancing these activities, we held explanation meetings with our business partners so they could understand and adopt the activities, prepared and provided guidelines regarding the conservation of biodiversity, and supported the activities of our business partners.

The Fujitsu Semiconductor Group is participating in these efforts as a member of the Fujitsu Group, strengthening our upstream management while providing support to our business partners, and working to create a sustainable, low-carbon society.

Green Logistics

To prevent the damage of goods during shipping, Fujitsu Electronics Inc., which is responsible for all the distribution works of the Fujitsu Semiconductor Group, is making every effort to protect the quality of our products using cushioning material and improved sealing. Responding to the small-lot production of a wide range of products, however, resulted in an increase in the amount of cushioning material used per package.

Consequently, the company has been asked to reduce its waste products from packaging materials.

After examining various types of packaging methods, Fuji Electronics confirmed that the effectiveness of the Air X packaging system provided by Nexsair Co. Ltd matches the desired packaging, and introduced this system in April 2011.

The introduction of this system has reduced waste products by 1.5 tons per year compared with the bubble cushioning and filler sheet materials previously used.

Approach to Chemical Substances in Products

The Fujitsu Semiconductor Group promotes appropriate management of chemical substances in products so we can provide our customers with products they can use without concern.

The Fujitsu Group has designated substances that are harmful to people and the environment and whose use is prohibited or regulated by law as "Fujitsu Group Designated Prohibited Substances." We strictly prohibit the use of those substances, eliminate them through green procurement activities, and provide products that do not contain them. Moreover, when there are concerns that certain substances may be harmful, they are classified as "Fujitsu Group Designated Controlled Substances" or "Fujitsu Group Designated Reporting Substances" to protect customer safety and the environment. The amount of these substances contained in products is properly managed to prepare for their possible reclassification as Designated Prohibited Substances if it is determined that the substances are harmful.

Ongoing Response to Domestic and Foreign Regulations

Various laws and regulations have been enacted concerning chemical substances contained in products in each country, starting with the EU REACH regulation which requires chemical substances registration and notification. Amid this trend, the Fujitsu Semiconductor Group is using the Joint Article Management Promotion Consortium (JAMP) formats for chemical substances management and information transmission so we can respond flexibly to additional future regulatory tightening.

Response to the EU RoHS Directive and the China RoHS

The Fujitsu Semiconductor Group provides semiconductor products that comply with the EU RoHS Directive* and the China RoHS.

The Group still uses lead in certain products as requested by customers and in certain old products, but we are advancing the switchover to lead-free products as appropriate.

The Fujitsu Semiconductor Group regards minimizing the risks posed by designated chemical substances as a priority issue, and actively advances measures to address substances that may possibly be harmful, based on the principle of prevention.

* Certain products fall under RoHS Directive exclusion categories.

Websites

http://www.fujitsu.com/global/about/environment/products/gproducts/

Super Green Products

The Fujitsu Semiconductor Group conducts green product assessments prior to product development, to evaluate product environmental factors such as energy conservation, 3R design* and the use of chemical substances. Products which meet our standards under these assessments are certified as Green Products. Those Green Products with particularly top-level environmental factors and which are clearly superior compared with products on the market and with other Fujitsu Semiconductor products are certified by the Fujitsu Group as Super Green Products.

Super Green Products Certified in FY2011

Achieved Industry-Leading Low Electricity Consumption Performance

Eight FRAM products were certified as Super Green Products in FY2011. FRAM is a non-volatile memory that combines the strong points of ROM and RAM. Compared with other non-volatile memories, FRAM products are superior in terms of speed, working life, cyclic capability and energy conservation, and have a wide range of applications including household appliances, digital cameras, electronic toys, RFID, and smart cards.

Environmental Factors

For all models: Energy conservation; Use of chemical substances For the MB85RS64: Energy conservation; Use of chemical substances; 3R design

• Energy conservation
• Industry-leading low-electricity-consumption performance
• Use of chemical substances
• Does not contain any REACH-regulated substances
• Does not contain any EU RoHS Directive regulated substances
• 3R Design
• midlife reduction by half compared with prior products

Eight certified FRAM products

MB85R1001AMA MB85R1002A
MB85R5001AMA MB85R5002A, MB85RC16, MB85RC16V, MB85R64V, MB85RC128, MB85RS128A, MB85RS64

FY2011 Fujitsu Group Environmental Contribution Awards

Encouragement Prizes

MB85R16V, MB85R64A, MB85RS128A

Websites

http://www.fujitsu.com/global/about/environment/products/gproduct/