Quality assurance and reliability

"Quality is foremost in ROHM. No matter what the challenge, we will strive to continue to supply a large number of products of excellent quality to customers at home and overseas and further pursue the betterment of the world we live in." This is our purpose at ROHM.

Thermal printheads are used more widely. They must have high performance and high reliability. Reliability of thermal printheads depends on the elimination of initial \bigcirc failures and chance failures. Reducing these failure rates corresponds to high reliability.

Initial failures are usually caused by problems in the production process, and they reduce as time passes. It is too late to wait for initial failures and then fix them after the product is on the market and complaints have arisen. Consequently, quality control and process control are vital during the production process for the prevention of initial failures.

Chance failures are caused by design quality of a product. An adequate margin in performance of parts in design, such as derating and redundancy given in the design, can reduce the failure rate of chance failures. We make every endeavor to satisfy our customers by creating products that meet your requirements.



Time:t

Notes

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- The contents described herein are subject to change without notice. The specifications for the product described in this document are for reference only. Upon actual use, therefore, please request that specifications to be separately delivered.

• Application circuit diagrams and circuit constants contained herein are shown as examples of standard use and operation. Please pay careful attention to the peripheral conditions when designing circuits and deciding upon circuit constants in the set.

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- Products listed in this document use silicon as a basic material.
 Products listed in this document are no antiradiation design.

The products listed in this document are designed to be used with ordinary electronic equipment or devices (such as audio visual equipment, office-automation equipment, communications devices, electrical appliances and electronic toys).

Should you intend to use these products with equipment or devices which require an extremely high level of reliability and the malfunction of with would directly endanger human life (such as medical instruments, transportation equipment, aerospace machinery, nuclear-reactor controllers, fuel controllers and other safety devices), please be sure to consult with our sales representative in advance.

About Export Control Order in Japan

Products described herein are the objects of controlled goods in Annex 1 (Item 16) of Export Trade Control Order in Japan.

In case of export from Japan, please confirm if it applies to "objective" criteria or an "informed" (by MITI clause) on the basis of "catch all controls for Non-Proliferation of Weapons of Mass Destruction.