

## Product list

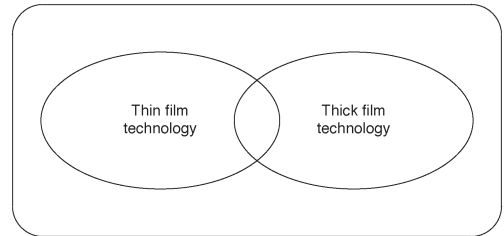
A thermal printhead transmits heat generated by electricity to heat sensitive paper that comes into contact with the head to obtain characters and images on the paper. Thermal printheads are in wide use in fax machines, ticket venders and printers because of its cost effectiveness, simplicity, and low maintenance requirements. Thermal transfer printing is used in high-quality printing and color printing applications. A thermal printer is also excellent for home multimedia terminal printers.

Through research and development and rationalization of the production system of driver ICs for heating elements, semiconductor devices, and resistors, ROHM has built up the most comprehensive expertise in the industry for the production of thin and thick films and semiconductors. Based on this technical expertise, ROHM has pioneered the production of thick and thin film printheads and offers general purpose products with high performance and high reliability equipped with hybrid devices, heat history control ICs and special glazes. ROHM also designs and manufactures custom printheads to meet your special requirements.

### ●Features

- (1) Both thin film and thick film thermal printheads are provided.

You can choose products that meet your needs from a wide variety of thin film, thick film, and hybrid printheads.



- (2) We design and manufacture driver ICs to obtain high performance.

One of the important points that determines the quality, cost and delivery date of thermal printheads is the driver ICs that drive the heating elements. ROHM develops and manufactures the ICs to obtain optimal functions for its thermal printheads.

- (3) WE develop the production line.

ROHM develops and manufactures a production line optimal for the production of thermal printheads to offer its products steadily in large quantities.

- (4) Our industry leading record of production and delivery guarantees high quality and reliability.

ROHM's wealth of technical data and long experience in the production of resistors and hybrid ICs guarantee quality assurance and reliability.

### Notes

- No technical content pages of this document may be reproduced in any form or transmitted by any means without prior permission of ROHM CO.,LTD.
- 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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- ROHM CO., LTD. is granted to any such buyer.
- 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 which 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.