
ePH1660

**Handwriting
Recognition
Microcontroller**

Product Specification

DOC. VERSION 0.2

ELAN MICROELECTRONICS CORP.


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Specification Revision History

Doc. Version	Revision Description	Date
0.1	Initial Preliminary Specification	2007/10/22
0.2	1. Modify fig6-1c 2. YN wakeup clock modify	2008/04/07



1 Introduction

The ePH1660 IC is an 8-bit RISC microcontroller embedded with finger touch recognition core. When connected to an external resistance type touch panel, the IC becomes suitable for handwriting recognition application products, such as SMS, Stylus Remote Controllers, mobile phones, handwriting input devices, etc. The ePH1660 has low power consumption, low cost, and yet is capable of providing high rate of recognition performance. These quality features are helpful and vital in meeting schedule when new handwriting recognition related product or pressure-sensitive screen input device development is under short lead-time pressure.

2 Features

Product	Package	Supported Input	Output	Interface	Remarks
ePH1660	CSP/ QFN32	1. Simplified Chinese 2. ASCII 3. Gesture 4. European characters*	Unicode /GB2312	UART	Can recognize up to 6,763 Simplified Chinese (GB2312) characters, 83 European and 66 Russian characters.

* European characters includes Danish & Norwegian, Dutch, Finnish, French, German, Italian, Portuguese, Spanish, and Swedish (operating under Windows 1252, Western Europe Latin 1)