

Atlantik Elektronik presents the small package flash type devices HT66F0x and HT68F0x

New 8-bit microcontroller with EEPROM

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Atlantik Elektronik presents Holtek's brand new small package flash type 8-bit microcontroller devices HT66F0x and HT68F0x with EEPROM.

The HT68F0x devices are I/O type microcontroller while the HT66F0x devices are A/D type MCUs. All devices in the series support industrial temperature specifications (-40°C~85°C) and have excellent noise immunity.

Their internal EEPROM memory can be used to store data such as product parameters or manufacturing data, which will be retained even if power is removed, a feature which greatly enhances product flexibility.

This device series has a Flash Program Memory capacity of 1K x 14~2K x 15, 64 or 96 bytes of SRAM Data Memory, 8 I/O pins, a pair of internal comparators etc., and an internal high frequency RC oscillator (supporting 4 MHz / 8 MHz / 12 MHz with an accuracy of +/- 2 Prozent).

The HT68F0x and HT66F0x series devices all include Holtek's new multi-function timer modules that are capable of providing functions such as input capture, compare match output, timer/event counting, single pulse and PWM signal generation.

The A/D type HT66F0x also contains an internal 12-bit ADC and voltage reference function. With the 10-MSOP package type having a footprint of only 3mm x 3mm, these small package types have an even smaller outline than standard 8-pin DIP/SOP package, making them extremely suitable for those application areas where space is at a premium.

“With these small package type devices, with the special characteristics of small outlines, versatility and multi-functional I/O pins, Atlantik Elektronik will offer excellent solutions for applications that require low cost and high efficiency“, explains Ottmar Flach, CEO of Atlantik Elektronik.

Characters: 1.781 (with spaces)

About Atlantik Elektronik GmbH

Atlantik Elektronik is a company of the Atlantik Networxx Group. The company is marketer and design-in-specialist of innovative semiconductors and semiconductor solutions, specifically for High-End-Markets, and also provides engineering solutions and production capacities to customers. Atlantik is a trendscout for new developments and new technologies. The competences and the product portfolio of the company are in the field of Embedded Microcontroller, Wireless, Connectivity, Infotainment and System Solutions.

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