

Spoločnosť Freescape Semiconductor, Inc. rozšírila ponuku mikrokontrolérov určenú pre aplikácie inteligentných meračov. Rodina MC9S08LH obsahuje 8-bitové jadro S08, až 64KB FLASH pamäte, budič LCD displeja a ďalšie. Oproti verzii [LL64](#), obsahuje táto rodina MCU 16-bitový ADC blok (rodina LL má iba 12 bitový).

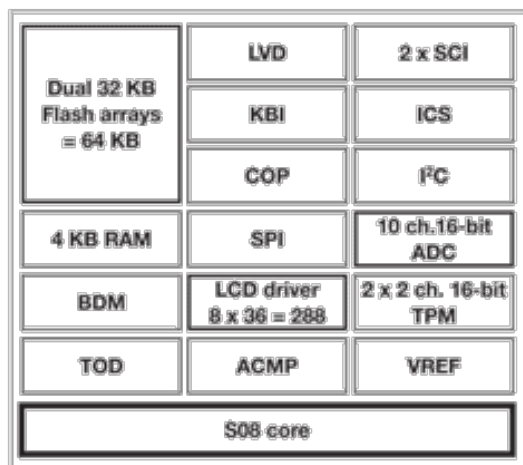
Vlastnosti



- Up to 40 MHz CPU at 3.6 V to 2.1 V across temperature range of 40 °C to 85 °C
- Up to 20 MHz at 2.1 V to 1.8 V across temperature range of 40 °C to 85 °C
- Two ultra-low-power stop modes and new low-power run and wait modes
- Integrated LCD driver supports both standard 3V and 5V LCD glass
- Configurable display for 8 x 36 or 4 x 28 segment display
- LCD driver pins are muxed with GPIO and other functions
- Up to 64 KB flash read/program/erase over full operating voltage and temperature
- SCI and SPI interfaces
- ADC, ICS, I2C and 38 GPIO
- Analog comparator with selectable interrupt on rising, falling or either edge of comparator output
- Single-wire background debug interface

Blokové zapojenie

MC9S08LH64/36



Cena

LH64 začína od 2,80 USD (@10k ks)

Odkazy

[S08LH Homepage](#)

[S08LH Datasheet](#)

Distribúcia

[vid'. Adresár](#)