

Microchip rozširuje ponuku 1,8V sériových Flash pamätí.

SST25WF080 je novým prírastkom v sérii Serial Flash pamätí.

Komunikuje zbernicou 4-vodičovou zbernicou kompatibilnou s SPI. Je vyrobená technológiou *high-performance CMOS SuperFlash* (SST).

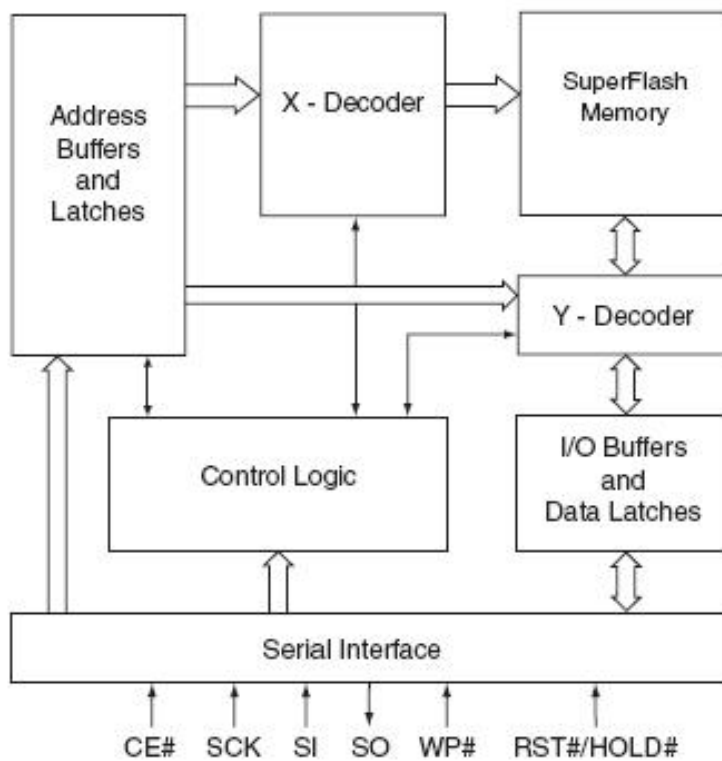
Vlastnosti



- Single Voltage Read and Write Operations
 - 1.65-1.95V
- Serial Interface Architecture
 - SPI Compatible: Mode 0 and Mode 3
- High Speed Clock Frequency
 - 75 MHz
- Superior Reliability
 - Endurance: 100,000 Cycles (typical)
 - Greater than 100 years Data Retention
- Ultra-Low Power Consumption:
 - Active Read Current: 2 mA (typical @ 33 MHz)
 - Standby Current: 5 μ A (typical)
- Flexible Erase Capability
 - Uniform 4 KByte sectors
 - Uniform 32 KByte overlay blocks
 - Uniform 64 KByte overlay blocks
- Fast Erase and Byte-Program:
 - Chip-Erase Time: 35 ms (typical)
 - Sector-/Block-Erase Time: 18 ms (typical)
 - Byte-Program Time: 14 μ S (typical)
- Auto Address Increment (AAI) Programming
 - Decrease total chip programming time over Byte-Program operations
- End-of-Write Detection
 - Software polling the BUSY bit in Status Register
 - Busy Status readout on SO pin
- Reset Pin (RST#) or Programmable Hold Pin (HOLD#) option
 - Hardware Reset pin as default
 - Hold pin option to suspend a serial sequence without deselecting the device
- Write Protection (WP#)
 - Enables/Disables the Lock-Down function of the status register
- Software Write Protection

- Write protection through Block-Protection bits in status register
- Temperature Range
 - Industrial: -40°C to +85°C
- Packages Available
 - 8-lead SOIC (150 mils)
 - 8-bump XFBGA
- All devices are RoHS compliant

Blokové zapojenie



Cena

Pamäť SST25WF080 je dostupná v 8-pinovom SOIC púzdre za cenu 0,95 USD (10k ks).

Odkazy

[SST25WF080 Homepage](#)

[SST25WF080 Data Sheet](#)

Distribúcia

[viď. Adresár](#)