

Flash In-System Programmable (ISP) Peripherals for 8-bit MCUs, 5V,SPLD - Simple Programmable Logic Devices 5.0V 1M 90ns

Manufacturers	<a href="#">STMicroelectronics, Inc</a>
Package/Case	PLCC-52
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for PSD813F1A-90JI or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

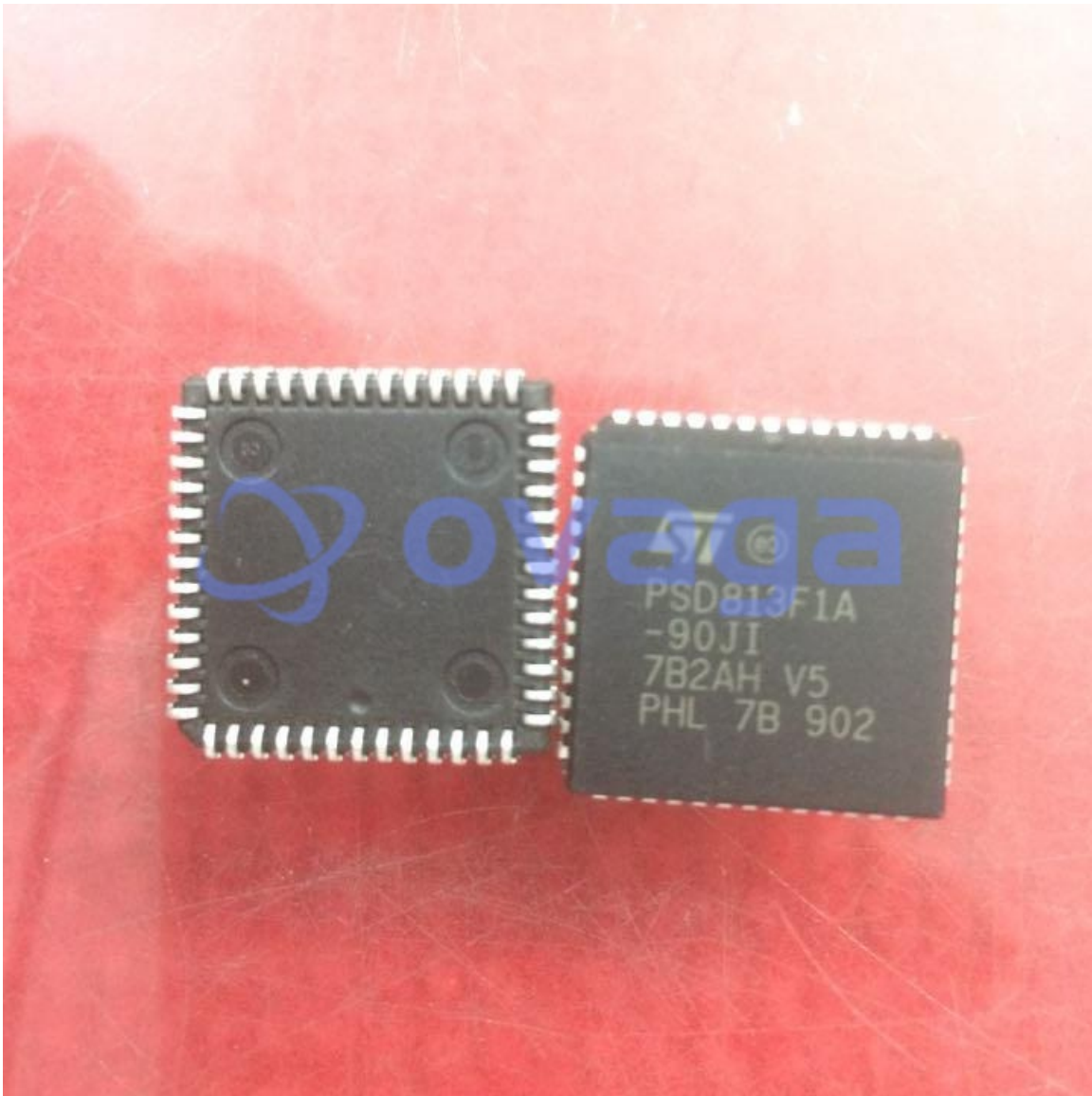
PSD813F1A-90JI is a specific model of Flash In-System Programmable (ISP) Microcontroller with a Non-Volatile Flash memory. It is manufactured by STMicroelectronics, which is a leading semiconductor manufacturer.

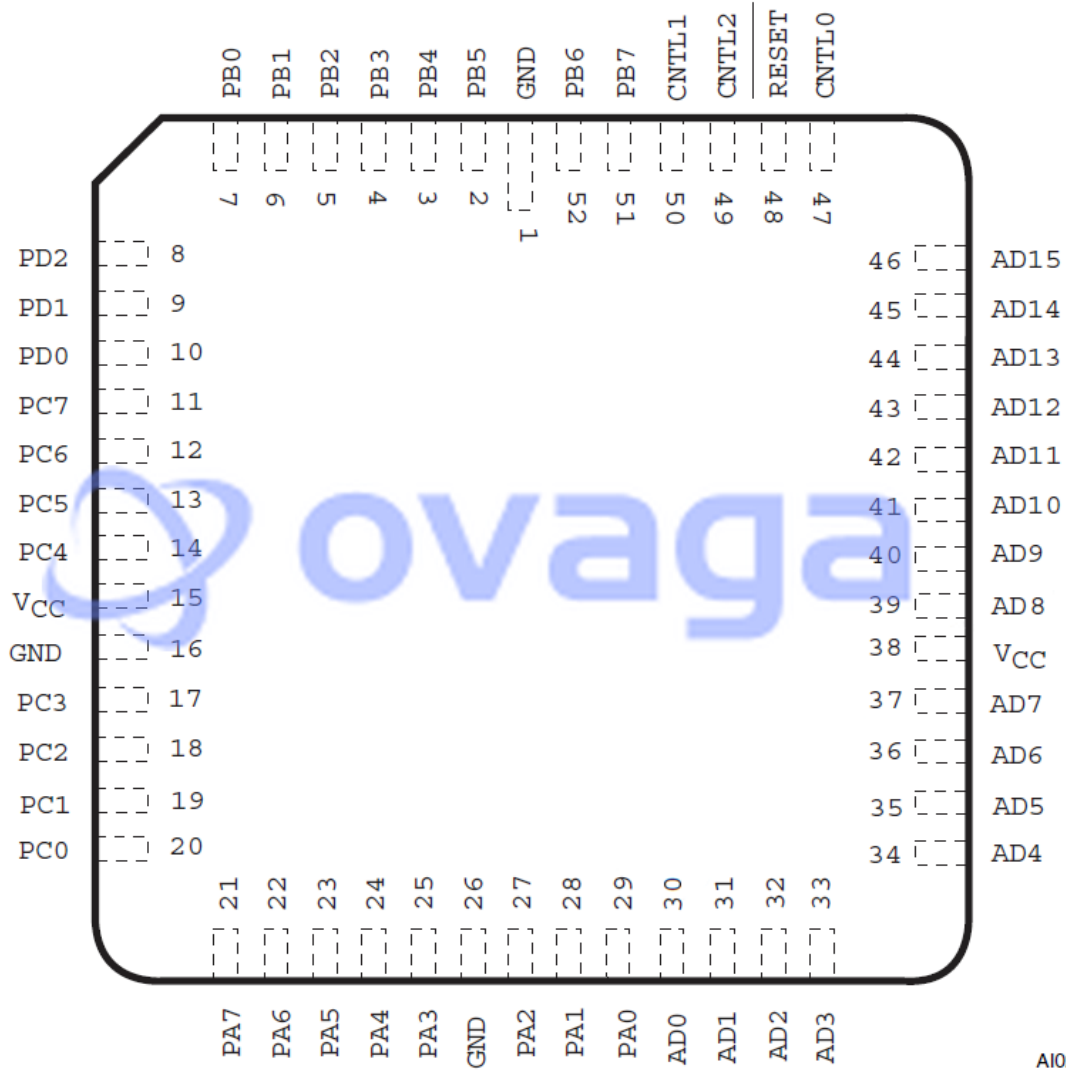
## Features

- 8-bit microcontroller core with advanced instruction set
- 90 MHz maximum clock frequency
- 1 MB of Flash memory for program storage
- 128 KB of SRAM for data storage
- Multiple communication interfaces including SPI, I2C, UART
- Analog peripherals including ADC, DAC, and op-amp
- Low-power modes for energy efficiency
- Industrial temperature range (-40°C to +85°C)

## Application

- Motor control systems
- Industrial automation and control systems
- Automotive control systems
- Smart home automation systems
- Power management systems
- Security and surveillance systems
- Healthcare and medical devices





AI02857

## Related Products



### [PSD813F2A-90MI](#)

STMicroelectronics, Inc  
PQFP-52



### [UPD3234A-40U6](#)

STMicroelectronics, Inc  
TQFP-80



### [UPD3254A-40U6](#)

STMicroelectronics, Inc  
TQFP-80



### [PSD834F2-90J](#)

STMicroelectronics, Inc  
PLCC-52



### [PSD834F2V-20MI](#)

STMicroelectronics, Inc  
PQFP-52



### [PSD4256G6V-10UI](#)

STMicroelectronics, Inc  
TQFP-80



[PSD4235G2-90UI](#)

STMicroelectronics, Inc  
TQFP80



[PSD834F2-90JI](#)

STMicroelectronics, Inc  
PLCC-52