

8 Bit MCU, Low Power / One Time Programmable, 8051 Family P87LPC9xx Series Microcontrollers, 18 MHz

Manufacturers	<u>NXP Semiconductor</u>
Package/Case	TSSOP28
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for P89LPC938FDH or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

P89LPC938FDH is a microcontroller manufactured by NXP Semiconductors. It is an 8-bit microcontroller with an integrated flash memory and a high-performance 10-bit ADC. Some of the key features of the P89LPC938FDH include:

Features

8-bit CPU with up to 20 MHz operating frequency

64KB Flash program memory

4KB EEPROM data memory

2KB RAM

Two 16-bit Timers/Counters

UART, I2C, and SPI communication interfaces

10-bit ADC with 8 channels

On-chip temperature sensor

32 general-purpose I/O pins

Operating voltage range: 2.7V to 3.6V

Application

Automotive systems: Engine control units, body control modules, airbag systems, and instrument clusters.

Industrial control systems: Motor control, process control, and monitoring systems.


Consumer electronics: Digital cameras, mobile phones, and portable media players.

DOU YEE
DY3008-803

NXP SEMICONDUCTORS
DIFFUSED IN EU
ASSEMBLED IN THAILAND

(33T) PUID: 01nNF50CELO
(30T) LOT2
(300) DATE2 1550 (32T) ORIG Z895
(300) QTY2 176 (31T) PNC Tnd
(1T) L0
(31P) MSL 2/240
(90) DATE 1550 (31P) MSL 2/260
(0) QTY 510
(30P) TYPE P89LPC938FDH
(1P) CODENO 9352 785 46529
IMPLUGEN FREE
EU EN 60730-1-2015
PK

 **ATTENTION**
OBSERVE PRECAUTIONS
FOR HANDLING
ELECTROSTATIC
SENSITIVE
DEVICES

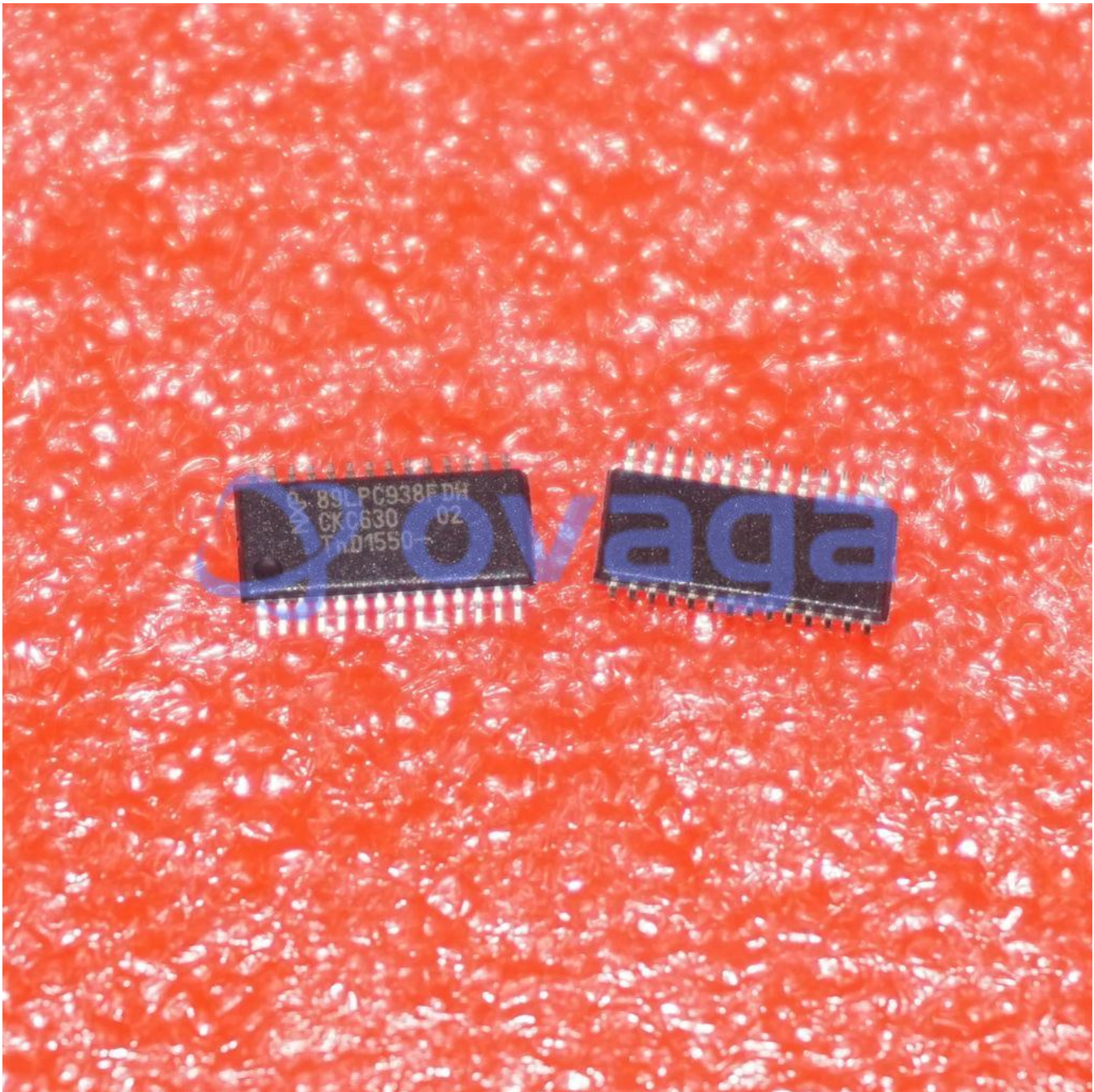
 **CAUTION**
This bag contains
MOISTURE-SENSITIVE DEVICES
For MSL
See
bar code
label

Exposure limit: 100% humidity at 0-40°C and 100% relative humidity (RH) at 40-60°C.

For MSL, see reference to the label.

After this is opened, observe that all the equipment is
effective under the stated high humidity level. (process must be
completed within 24 hours of opening the MSL bag)

MSL 1	100 hours	0% to 100% RH
MSL 2	100 hours	0% to 100% RH
MSL 3	100 hours	0% to 100% RH
MSL 4	100 hours	0% to 100% RH
MSL 5	100 hours	0% to 100% RH
MSL 6	100 hours	0% to 100% RH
MSL 7	100 hours	0% to 100% RH
MSL 8	100 hours	0% to 100% RH
MSL 9	100 hours	0% to 100% RH
MSL 10	100 hours	0% to 100% RH
MSL 11	100 hours	0% to 100% RH
MSL 12	100 hours	0% to 100% RH
MSL 13	100 hours	0% to 100% RH
MSL 14	100 hours	0% to 100% RH
MSL 15	100 hours	0% to 100% RH
MSL 16	100 hours	0% to 100% RH
MSL 17	100 hours	0% to 100% RH
MSL 18	100 hours	0% to 100% RH
MSL 19	100 hours	0% to 100% RH
MSL 20	100 hours	0% to 100% RH



Related Products



[P89V664FA](#)

NXP Semiconductor
PLCC44



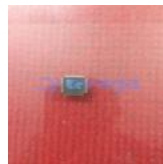
[P80C592FFA](#)

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PLCC-68



[P87C52X2FN](#)

NXP Semiconductor
DIP40



[P89V51RD2FBC](#)

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QFP-44



[P87LPC764FN](#)

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DIP20



[P89C668HBA](#)

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[P89LPC901FN](#)

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DIP8



[P89C668HFA](#)

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