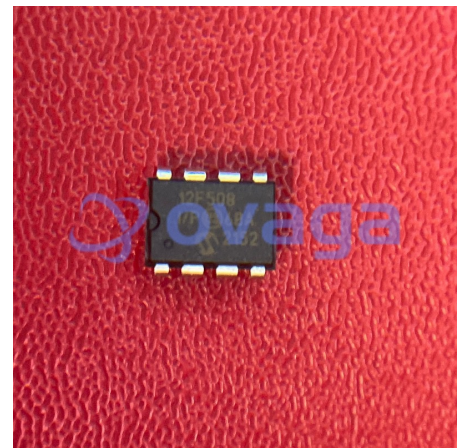


8 Bit MCU, Flash, PIC12 Family PIC12F5xx Series Microcontrollers, 4 MHz, 768 Byte, 25 Byte, 8 Pins

Manufacturers	<a href="#">Microchip Technology, Inc</a>
Package/Case	PDIP-8
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for PIC12F508-I/P or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

### Features

Precision 4 MHz internal oscillator

Baseline Core with 33 Instructions, 2 Stack Levels

All single-cycle Instructions except for program branches which are two cycles

12-bit wide instructions

8-bit wide data path

25 mA source/sink current I/O

Low power (100nA) sleep current

One 8-bit timer (TMR0)

Watchdog timer (WDT)

In Circuit Serial Programming™ (ICSP™) capability

In-Circuit debugging support

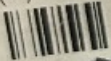
Programmable code protection



(1P) CATALOG P/N: PIC12F508-I/P

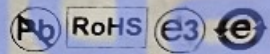


(P) CUST. P/N: -



508

MPL: -  
PKG: PDIP  
LEAD: 8



(Q) QTY  
3600

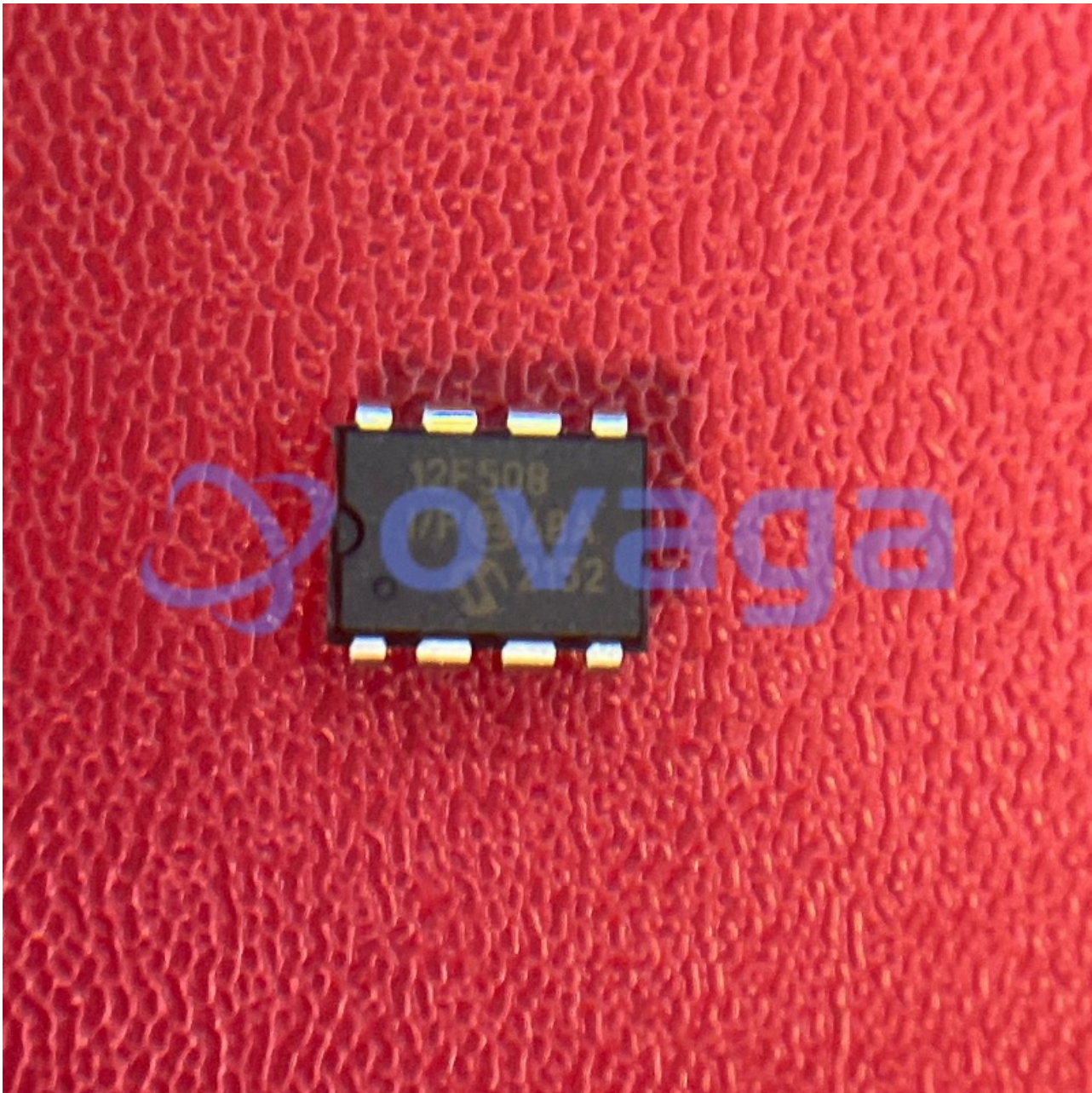


D/C	QTY
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-	-
-	-

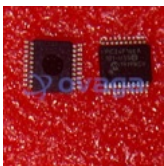
SEAL DATE : 01/07/22  
WAFER QTY: -  
WAFER REV: -  
RECERT D/C: -  
WAFER LOT: -



MADE IN THAILAND



## Related Products



### [PIC24F16KA101-I/SS](#)

Microchip Technology, Inc  
SSOP-20



### [PIC16F1936-I/SS](#)

Microchip Technology, Inc  
SSOP-28



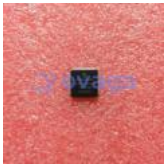
### [PIC16F1938-I/SP](#)

Microchip Technology, Inc  
PDIP-28



### [PIC18F23K22-I/SP](#)

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SPDIP-28



[PIC18F6520-I/PT](#)

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TQFP-100