

# MC9S12DJ64VFUER :Part Detail

[Product Summary Page](#) | [General Information](#) | [Package Information](#) | [Environmental and Compliance Information](#) | [Manufacturing Information](#) | [Ordering Information](#) | [Product/Process Change Notice \(PCN\)](#) | [Operating Characteristics](#) | [Reliability Data Lookup](#)

## General Information

Part Number	MC9S12DJ64VFUER
Description	S12DJ 16-bit MCU, HCS12 core, 64KB Flash, QFP 80
Product Line	G9GSDJ64
PTI	MCJD
Material Type	Tested Packaged Device
<a href="#">Life Cycle Description (code)</a>	PRODUCT MATURITY/SATURATION
Status	Active
<a href="#">Application/Qualification Tier</a>	10-YEARS APPLICATION LIFE

## Package Information

Package Type and Termination Count	QFP 80
Package Description and Mechanical Drawing	<a href="#">QFP 80 14*14*2.2P0.65</a>
Device Weight(g)	0.93550
Package Material	Plastic
Mounting Style	Surface Mount
Package Length (nominal)(mm)	14.000
Package Width (nominal)(mm)	14.000
Package Thickness (nominal)(mm)	2.450
Tape & Reel	Yes

## Environmental and Compliance Information

<a href="#">Pb-Free</a>	
<a href="#">RoHS Compliant</a>	
<a href="#">Halogen Free</a>	Yes
<a href="#">Material Composition Declaration (MCD)</a>	<a href="#">Download MCD Report</a> <a href="#">Download MCD Report</a>
<a href="#">RoHS Certificate of Analysis (CoA)</a>	<a href="#">Download RoHS CoA Report</a>

Moisture Sensitivity Level (MSL)	3
Floor Life	168 HOURS
Peak Package Body Temperature (PPT)(°C)	260
Maximum Time at Peak Temperature (s)	40
Number of Reflow Cycles	3
REACH SVHC	<a href="#">NXP REACH Statement</a>
UL94 (plastics flammability test)	V0; Burning stops within 10 seconds on a vertical specimen; no drips allowed

## Manufacturing Information

Micron Size(μm)	.25
-----------------	-----

## Ordering Information

Minimum Package Quantity (MPQ)	750
MPQ Container	REEL
Exempt from Minimum Delivery Value	No
Preferred Order Quantity (POQ)	750
POQ Container	BOX
Leadtime (weeks)	10
Export Control Classification Number (US)	3A991A2
Harmonized Tariff (	
CCATS Document	-
ENC Status	-
Other Trade Compliance Documents	-
<a href="#">Budgetary Price excluding tax(US Currency)</a>	-

Order

## Product/Process Change Notice (PCN)

Number	Type	Title	Issue Date	Effectivity Date
16235	Product Change Notice	<a href="#">Copper Wire Conversion for Microcontroller and Microprocessor Devices</a>	20 May 2014	29 Jul 2014

## Operating Characteristics

ADC	16-ch. 10-bit
ADC (bit)	10
ADC (ch)	16
Additional Features	COP Internal Voltage Regulator PLL

Ambient Operating Temperature (Min-Max) (°C)	-40 to 105
Bus Frequency (Max) (MHz)	25
CAN	3
CAN Type	CAN 2.0 A/B
Core Type	S12
EEPROM (KB)	1
GPIOs	59
I2C	1
Internal Flash (KB)	64
Internal RAM (KB)	4
J1850	1
PWM	4-ch. 8-bit
PWM (bit)	8 16
PWM (ch)	4 8
Sample Exception Availability	N
SCI	2
SPI	3
Timers	8-ch. 16 bit

[Reliability Data Lookup](#)

## ABOUT NXP

[Investors](#)

[Partners](#)

[Careers](#)

## RESOURCES

[Mobile Apps](#)

[Press, News, Blogs](#)

[Contact Us](#)

## FOLLOW US



## NEWS

[NXP News](#)

[Read More](#)

