

# MCHSC705C8ACFNER :Part Detail

[General Information](#) | 
 [Package Information](#) | 
 [Environmental and Compliance Information](#) | 
 [Manufacturing Information](#) | 
 [Ordering Information](#) | 
 [Operating Characteristics](#) | 
 [Reliability Data Lookup](#)

## General Information

Part Number	MCHSC705C8ACFNER
Description	HC05 CORE + 8K RAM + EPR, EPP
Product Line	G7Q5C8A
PTI	MDAC
Material Type	Tested Packaged Device
<a href="#">Life Cycle Description (code)</a>	NOT RECOMMENDED(DECLINING)
Status	Not Recommended for New Design
<a href="#">Application/Qualification Tier</a>	10-YEARS APPLICATION LIFE

## Package Information

Package Type and Termination Count	PLCC 44
Package Description and Mechanical Drawing	<a href="#">PLCC 44</a>
Device Weight(g)	2.38655
Package Material	Plastic
Mounting Style	Surface Mount
Package Length (nominal)(mm)	16.580
Package Width (nominal)(mm)	16.580
Package Thickness (nominal)(mm)	16.580
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>
<a href="#">2nd Level Interconnect</a>	e3
<a href="#">Moisture Sensitivity Level (MSL)</a>	3

Floor Life	168 HOURS
Peak Package Body Temperature (PPT)(°C)	250
Maximum Time at Peak Temperature (s)	30
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)	1.2
-----------------	-----

## Ordering Information

Minimum Package Quantity (MPQ)	450
MPQ Container	REEL
Exempt from Minimum Delivery Value	No
Preferred Order Quantity (POQ)	450
POQ Container	BOX
Leadtime (weeks)	8
Export Control Classification Number (US)	EAR99
Harmonized Tariff (US) <a href="#">Disclaimer</a>	8542.31.0000
CCATS Document	-
ENC Status	-
Other Trade Compliance Documents	-
<a href="#">Budgetary Price excluding tax(US\$)</a> <a href="#">Change Currency</a>	-
Order	

## Operating Characteristics

Sample Exception Availability	N
-------------------------------	---

Reliability Data Lookup

### ABOUT NXP

[Investors](#)

[Partners](#)

Downloaded from [Arrow.com](#)

### RESOURCES

[Mobile Apps](#)

[Press, News, Blogs](#)

### FOLLOW US



### News 9 Feb 2017



Is 2017 the year of the smart meter?

[Read More](#)

