

Manufacturing Info

MBOI

Specifications

Supply

Purchasing

Payables

Planning

APSR

Factory Information

Capacity Statement

Quality

Global EBR5

External Manufacturing MPE

Data Exchange

Document and Data

Exchange

Intransit

Exceptions

PH4 ISPL (ATEC) (CU) MBOI Data

Search Files:




74VHC08MTCX-IPN

Search

MBOI Masters

ASY (850)MEF (4)TST (925)Open Compliance (832)

Search text is highlighted in RED 74VHC08MTCX-IPN

Manufacturing Bill of Information (MBOI)								
Part Number	74VHC08MTCX-IPN-ASY	Part Type	Assembly Part					
Site Name Loc Cod	PH4 ISPL (ATEC) CU	File Name	PH4_74VHC08MTCX-IPN_74VHC08MTCX-IPN-ASY_ASY					
Flags	Non Safe Launch Item No Global Hold Flag	Part Qual Target Market:	I Industrial					
Part Version	4	Part Version Date-Time	2024-MAY-05 05:43:32 (GMT +7)					
Orderable Part Section - OPN								
Part Number Desc	74VHC08MTCX-IPN Quad 2-Input AND Gate		Market PN	74VHC08MTCX-IPN				
Lifecycle Phase	Production		Part Class Desc	AA ASSEMBLED AND TESTED				
Marketing Product Lifecycle	Follow Part Lifecycle		Part Sub Type	OPN				
Part Release Status Desc	MC-M Mass Production		Part Usage	STD				
Case Outline (CO)	948G 		PAL4 Code Desc					
Product Data Sheet								
ERP Resource Code - ASY Desc	F304 TSSOP14 AU SNGL HPBF		OPN Part Qual Target Market	I Industrial				
Packing Configuration	TSSOP-14_948G_REEL_2500_FBQ5000		Eng Package Type	TSSOP-14				
Assembly_Part_Section - ASY								
Part Number	74VHC08MTCX-IPN-ASY	Description	Quad 2-Input AND Gate					
Lifecycle Phase	Production	Part Usage	STD					
Part Release Status Desc	MC-M Mass Production	Part Sub Type	ASY					
PAL4 Code Desc		ERP Resource Code - ASY Desc	F304 TSSOP14 AU SNGL HPBF					
Part Qual Target Market	I Industrial							
Case Outline (CO)	948G 	Package Type	TSSOP-14					
ECAT Override		Actual Lead Count	14					
Package Assembly Platform	SOSM - Small Outline Surface Mount	Assembly Baseline Spec						
Assembly Process Flow Spec		Assembly Spec(s) - Global						
Lot Processing Restrictions	Standard	Package Substrate Layout(s)						
ITAR Part Flag	N	Customs Configuration	8542.39.0001					
Customs ECCN Code	EAR99	Customer Consigned Flag	N					
Compressed?		Compressed Part Number						
Wettable Process Type		Wettable Flank Flag						
Site Notes								
BOM Components								
Alternate 002	Part Number	Part Sub Type	Line	Preference	Group	Qty	Description	Lifecycle Phase
Primary Die	74VHC08-XDC3026D-WDQ 	WDQ	001	01	0	1	Wafer 200	Production
	Die Size (X + Y W/Scribe Street): 617.2 x 617.2						PDPW : 73856	
Package Kit	N17608G030	PKT	002	01	0	1	PKGKIT TSSOP14 CU (PH4)	Production
	Piece Parts							
	1360100014	FRAME	010	01	0	1	LF TSSOP 14L JEDEC 4.4MM STAMPED PPF	Production
	13601510002	EPXY	020	01	0	1	DA HE QMI519 2.5CC/5CC	Production
	13601610001	WIRE	030	01	0	1	BW Au 0.8 MIL	Production
	1360191000	MOLD	040	01	0	1	MC HITACHI CEL800JF 13MMX5.3G	Production
BOI 67-Bonding Diagram	67AON20111G A	DOC	003	01	0	1	74VHC08x Series	Production



Standard Marking Flag			
PB Free Mark Character Flag			
Consolidated Mark Machine Std		Consolidated Mark Machine Custom	Line1: \$Y&Z&2&K Line2: V08 Line3: UNK Line4: UNK Line5: UNK

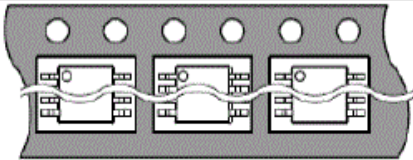
Marking Details Section

Date Code Type	S2		
Trace Code Legend - Front			
Trace Code Legend - Back			
Trace Code Spec	12MON45426G BD	Part Marking Source	
Part Marking Image/CAD Document		Marking Style Image Document	
Custom Logo Document		ON Logo Document	
Final Test Specification	48AON61241H O		

OPN Packing Section

PCQ Container Desc	REEL Tape and Reel	PCQ Quantity	2500
MPQ Container Desc	REEL Tape and Reel	MPQ Quantity	2500
Intermediate Full Box Container Type Intermediate Box Container Size Intermediate Full Box Container Quantity	 5000	Intermediate Full Bag Container Type Intermediate Bag Container Size Intermediate Full Bag Container Quantity	

Pin 1 Toward Upper Left



Labeling Section

MSL	1	MSL Temperature	260
Pb Free Leads Flag	Y	Halide Free Flag	Y
Pb Free Die Attach Flag	Y	Lead Finish Category (eCAT)	e4

Document Group Section

Document Num	Revision	Release Date	Title
12MON01117D	AC	15-Nov-23	Quality Assurance Inspection and Testing Sample Plan
12MON03769D	Y	04-Jul-22	External Visual Inspection Criteria
12MON45426G	BD	02-Feb-23	Mark Layout Instructions
12MON49004E	AD	14-Apr-23	Subcontractors Bar Code Labeling
12MRB17500B	FM	19-Sep-23	Finished Goods Packing and Long Term Storage Procedure
12MRM92695A	AE	27-Feb-24	Lot Combination Control Requirements for onsemi
48AON61241H	O	05-Feb-24	74VHCxx, 74LCXxx & 74LVXxx Series
67AON20111G	A	02-Feb-24	74VHC08x Series

BOM Links

Up/Down Direction	Site	Top Part	Link
Up	PH4	74VHC08MTCX-IPN	PH4_74VHC08MTCX-IPN_74VHC08MTCX-IPN-TST_TST.XML

Revision History

Rev	Rev Date	Details
4	2024-FEB-21 05:03:43	LIFECYCLE_PHASE CONFIRM_REQUIRED previous_value:Prototype;new_value:Production LIFECYCLE_PHASE CONFIRM_REQUIRED previous_value:Prototype;new_value:Production PART_REL_DATE_PROD UPDATE_FILE_AND_VERSION previous_value:NULL;new_value:20-FEB-24
3	2024-FEB-05 15:10:02	CONTROLLING_DOC UPDATE_FILE_AND_VERSION previous_value:48AON88777F;new_value:48AON61241H

<div><div><div></div></div><div>onsemi</div><div><div></div></div><div><div>JA</div><div></div><div>EN</div></div></div>		
2	2024-JAN-23 15:05:21	MARK_STYLE_SPEC UPDATE_FILE_AND_VERSION previous_value:NULL;new_value:ON Custom PB_FREE_DIE_ATTACH_FLG CONFIRM_REQUIRED previous_value:NULL;new_value:Y PB_FREE_IND_G_CD_IND UPDATE_FILE_AND_VERSION previous_value:NULL;new_value:None PB_FREE_LEADS_FLG CONFIRM_REQUIRED previous_value:NULL;new_value:Y PIN1_IND UPDATE_FILE_AND_VERSION previous_value:NULL;new_value:N/A POLARITY_IND UPDATE_FILE_AND_VERSION previous_value:NULL;new_value:NA STD_MARK_FLG UPDATE_FILE_AND_VERSION previous_value:Y;new_value:N
1	2024-JAN-18 00:03:51	Initial version

About onsemi

Locations

Leadership

Corporate Fact Sheet

Quality and Reliability

Ecosystem Partners

Intellectual Property

Our History

Careers

Experienced Careers

Early Careers

Search & Apply

Internships

Who We Are

Career Benefits

Where We Are

Investor Relations

Governance

Financials

Events

News

Stock Info

FAQ

News & Media

Press Announcements

In The News

Blog

Media Contacts

onsemi

in

🇯🇵

f

Connect with us

Language

[Cookie Policy](#) | [Accessibility](#) | [Do Not Sell or Share My Personal Information](#) | [Subscribe](#) | [Terms of Sale](#) | [Terms of Use](#) | [Privacy](#) | [Site Map](#)

© Copyright 1999-2024 Semiconductor Components Industries, LLC