PH4 ISPL (ATEC) (CU) MBOI Data

Search Files: 74LCX74MTCX-IPN [Search] *MBOI Masters*

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

Search text is highlighted in RED 74LCX74MTCX-IPN

Manufacturing Bill of Information (MBOI)				
Part Number	74LCX74MTCX-IPN-ASY	Part Type	Assembly Part	
Site | Name | Loc Cod	PH4 | ISPL (ATEC) | CU	File Name	PH4_74LCX74MTCX-IPN_74LCX74MTCX-IPN-ASY_ASY	
Flags	Non Safe Launch Item No Global Hold Flag	Part Qual Target Market:	I | Industrial	
Part Version	5	Part Version Date-Time	2024-MAY-05 05:43:21 (GMT +7)	

Orderable Part Section - OPN				
Part Number | Desc	74LCX74MTCX-IPN | LV Dual D F/F Edge Trig	Market PN	74LCX74MTCX-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 DP	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	74LCX74MTCX-IPN-ASY	Description	LV Dual D F/F Edge Trig	
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 DP	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	LCX74-XCC3026D-WDQ WP	WDQ	001	01	0	1	Wafer 200	Production
	Die Size (X + Y W/Scribe Street): 810 x 790					PDPW : 43913		
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	67AON20142G B	DOC	003	01	0	1	74LCX74x Series	Production

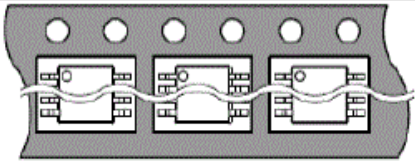| Standard Marking Flag			
PB Free Mark Character Flag			
Consolidated Mark Machine Std		Consolidated Mark Machine Custom	Line1: $Y&Z&2&K Line2: LCX74 Line3: UNK Line4: UNK Line5: UNK

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
67AON20142G	B	12-Feb-24	74LCX74x Series

BOM Links

Up/Down Direction	Site	Top Part	Link
Up	PH4	74LCX74MTCX-IPN	PH4_74LCX74MTCX-IPN_74LCX74MTCX-IPN-TST_TST.XML

Revision History

Rev	Rev Date	Details
5	2024-FEB-21 05:03:47	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
4	2024-FEB-13 12:09:52	Deleted Component:LCX74-XCC3116D-WDQ

2	2024-JAN-23 15:05:01	LEAD_FINISH_CATEGORY_ECAT CONFIRM_REQUIRED previous_value:NULL;new_value:e4 MARK_STYLE_CONFIG_ID CONFIRM_REQUIRED previous_value:NULL;new_value:NO_STANDARD_MARKING_STYLE 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 00:03:50	Initial version