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PH4 ISPL (ATEC) (CU) MBOI Data


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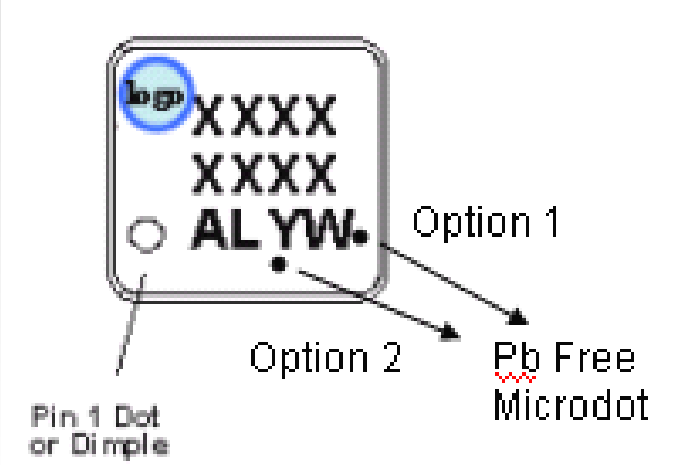
MBOI Masters

ASY (745) TST (707)

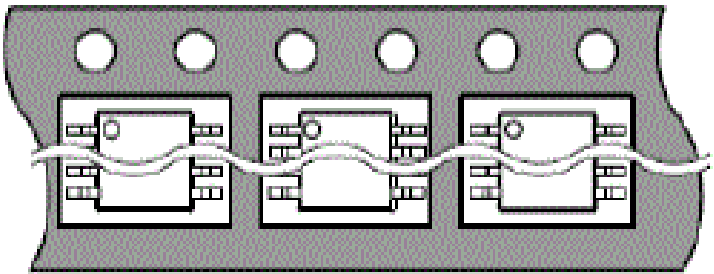
Manufacturing Bill of Information (MBOI)			
Part Number	99MC74HCU04ADTG	Part Type	Assembly Part
Site Name Loc Cod	PH4 ISPL (ATEC) CU	File Name	PH4_MC74HCU04ADTR2G_99MC74HCU04ADTG_ASY
Flags	Non Safe Launch Item No Global Hold Flag	Part Qual Target Market:	U Unspecified
Part Version	1	Part Version Date-Time	2019-OCT-30 18:13:00 (GMT +7)
Orderable Part Section - OPN			
Part Number Desc	MC74HCU04ADTR2G LOG CMOS INVERTER HEX	Market PN	
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	948G-01 	PAL4 Code Desc	
Product Data Sheet	MC74HCU04A-D.PDF		
ERP Resource Code - ASY Desc	7048 TSSOP 14 5*4.4 CPR PBF H	OPN Part Qual Target Market	U Unspecified
Packing Configuration	TSSOP-14_948G_REEL_2500_FBQ5000	Eng Package Type	TSSOP-14

Assembly_Part_Section - ASY			
Part Number	99MC74HCU04ADTG	Description	LOG CMOS INVERTER HEX
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	7048 TSSOP 14 5*4.4 CPR PBF H
Case Outline	948G-01 	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		
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	DBTHCU04ABH44 	WDQ	001	01	0	1	TOWER HSL DIE	Production
	Die Size (X + Y W/Scribe Street): 539 x 604						PDPW : 46911	
Package Kit	N96938G003	PKT	002	01	0	1	PKGKIT TSSOP14 CU (PH4)	Production
	Piece Parts							
	1360100039	FRAME	010	01	0	1	LF, TSSOP14LD 0.9398 x 0.9398mm	Production
	1010150057	EPXY	020	01	0	0.000159	DA Sumitomo CRM-1076WB	Production
	1360162001	WIRE	030	01	0	0.02180	BW Maxsoft 0.8 mil Cu Wire	Production
	1360194003	MOLD	040	01	0	0.125	MC EMC Sumitomo G600 13 X 5.0	Production
BOI 67-Bonding Diagram	67AON45339E O	DOC	003	01	0	1	MC74HCU04ADT	Production

Marking Header Section			
Marking Style Configuration		TSSOP_2L_8C	
Standard Marking Flag			
PB Free Mark Character Flag			
Front Side Marking Line1:HCU Line2:04A Tracecode:Y(LYW)			
<div></div>			

Marking Details Section			
Trace Code Coding Std	ON_STD_021C : A(L)(YW) : (A01)(L11)(Y02L)(W02L)	Trace Code Coding Custom	
Trace Code Legend - Front	A: Assembly Site L: Wafer Lot Number YW: Assembly Start Week		
Trace Code Legend - Back			
Trace Code Spec	12MON00232D KS	Part Marking Source	PDM System
Part Marking Image/CAD Document		Marking Style Image Document	18AON90319E O
Custom Logo Document		ON Logo Document	18AON77167F O
Final Test Specification	48AON21923D G		

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
12MON00232D	KS	14-Nov-19	Standard Marking for Integrated Circuits
48AON21923D	G	25-Apr-19	MC74HCT04A, MC74HCU04A, MC74HC04A Series
67AON45339E	O	31-Aug-09	MC74HCU04ADT



BOM Links			
Up/Down Direction	Site	Top Part	Link
Up	PH4	MC74HCU04ADTR2G	PH4_MC74HCU04ADTR2G_MC74HCU04ADTR2G_TST.XML

Revision History		
Rev	Rev Date	Details
1	2019-OCT-23 23:01:46	Initial version

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