



Delta Electronics Corp.

APPROVAL SHEET

Customer Name .: STD

Model Name.: Heatsink

Model Name.: DHS-B9292-04A

Customer Part No.: ---

Spec Issue Date .: 7/13/2012

Spec Revision : 00

PLEASE SEND ONE COPY OF THIS SPECIFICATION BACK AFTER YOU
SIGNED APPROVAL FOR PRODUCTION PRE-ARRANGMENT.

Approved By: _____

Date: _____

Approval	Check	Designer
Charles. Chen	Charles. Chen	Sheila. Hu



Delta Electronics Corp.

REV.	Description	Drawn	Checked	Approved	Issue Date
00	ISSUE SPEC	Sheila Hu 7/13'12	Charles Chen 7/13'12	Charles Chen 7/13'12	
Description:					
SAMPLE REVISION CODE LIST					
Part No.					REV
DELTA MODEL : DHS-B9292-04A			TOTAL 10 PAGE		00



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4			



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1. SPECIFICATION

1.1 Characters

Item	Description
Scope	THIS SPECIFICATION DEFINES THE ELECTRICAL AND MECHANICAL CHARACTERISTICS OF THE HEATSINK
Application	INTEL LGA2011 CPU HEATSINK
Specification	
a: Thermal Resistance	0.24 (°C/W)(REF.)
b: total weight	430 g (REF.)
c: clip force	29.5 Kgf (REF.)

1.2 BOM

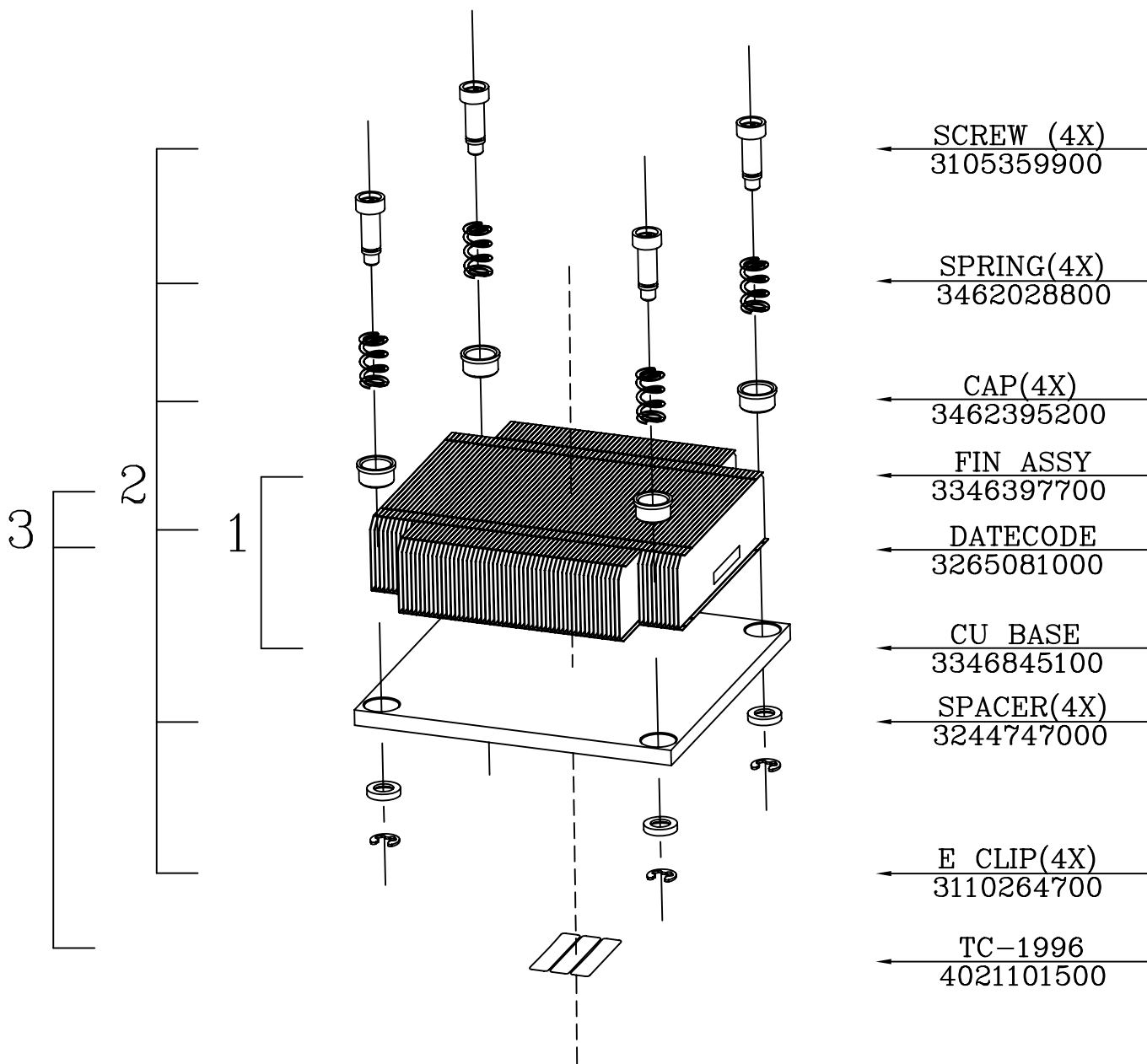
Item	Part Name	Material	Part NO.	Q'TY	Remark
1	FIN	AL 1050	3346397700	1PCE	
2	CU BASE	CU 1100	3346845100	1PCE	
3	CAP	SUS 304	3462395200	4PCE	
4	SCREW	SUS 304	3105359900	4PCE	
5	SPRING	ASTM A228	3462028800	4PCE	
6	E CLIP	SK7	3110264700	4PCE	
7	SPACER	POM	3244747000	4PCE	
8	GREASE	TC-1996	4021101500	0.308 g	
9	EPE	EPE	3501524000	1PCE	
10	BOX	PAPER	3518132100	1PCE	
11	TRAY	PET	3503125100	1PCE	
12	PAD PAPER	PAPER	3516261800	0.156PCE	
13	CARTON	PAPER	3513701700	0.031PCE	
14	DATECODE	POLYESTER	3265081000	1PCE	
15	LABEL	PAPER	3261447400	0.031PCE	



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2. PRINT

2.1 Assembly Drawing



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DELTA ELECTRONICS, INC.

DELTA MODEL:
DHS-B9292-04A

Drawn:
SHEILA

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CUSTOMER NAME: STD

CUSTOMER P/N: ---

DIMENSIONAL TOLERANCES		HOLES : ± 0.05	ANGLES : $\pm 0.5^\circ$
()	()	()	()
<30 : ± 0.25	DECIMALS	UP~100 : ± 0.2	250~300 : ± 0.4
>30~100 : ± 0.35	X : ± 0.3	100~150 : ± 0.25	300~350 : ± 0.45
>100~300 : ± 0.5	XX : ± 0.2	150~200 : ± 0.3	350~400 : ± 0.5
ABOVE 300 : ± 0.6	XXX : ± 0.1	200~250 : ± 0.35	900~OVER : ± 3.1



Description: PRODUCTION SPEC.
(ASSEMBLY ORDER)

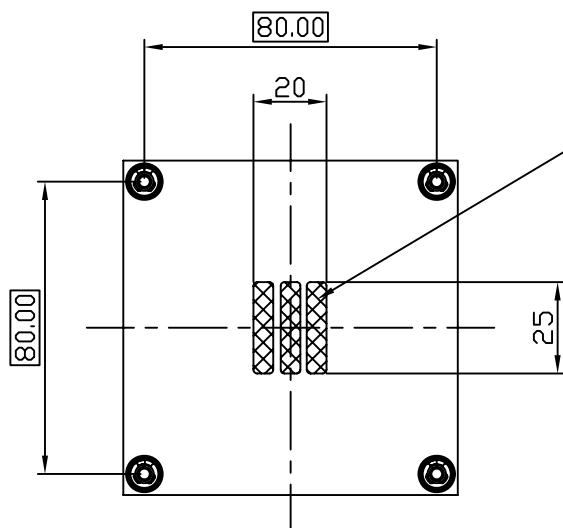
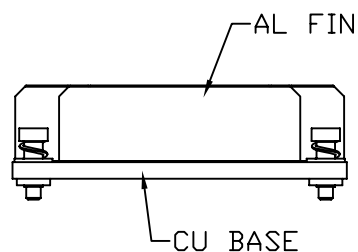
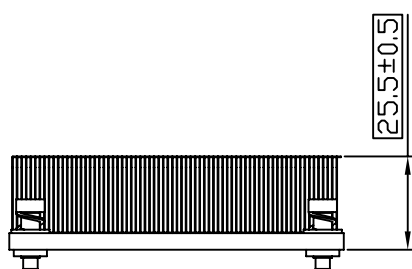
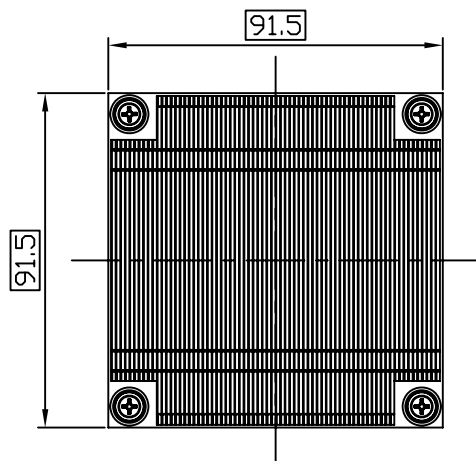
A4
SIZE

Part No. DHS-B9292-04A-AS

REV.

SHEET 1 OF 1 ISSUE DATE:

SCALE --- UNIT --- USED ON COOLER



Dow Corning TC-1996 P/N:4021101500

*STENCIL THICKNESS=0.20(TYP.) 0.22(MAX.)
TIM WEIGHT ON HSK MUST BE 250mg±30mg



DELTA

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CUSTOMER NAME: STD

CUSTOMER P/N: ---

DIMENSIONAL TOLERANCES

()	(✓)	()	()
<30 :±0.25	DECIMALS	UP~100 :±0.2	250~300
>30~100 :±0.35	X :±1.0	100~150 :±0.25	300~350 :±0.1
>100~300 :±0.5	X.X :±0.4	150~200 :±0.3	350~400 :±0.5
ABOVE 300 :±0.6	X.XX :±0.2	200~250 :±0.35	900~OVER

HOLES : ±0.05 ANGLES : ±0.5°



Description: PRODUCTION SPEC.
(PHYSICAL DIMENSION)

A4
SIZE

Part No. DHS-B9292-04A-PD

REV.

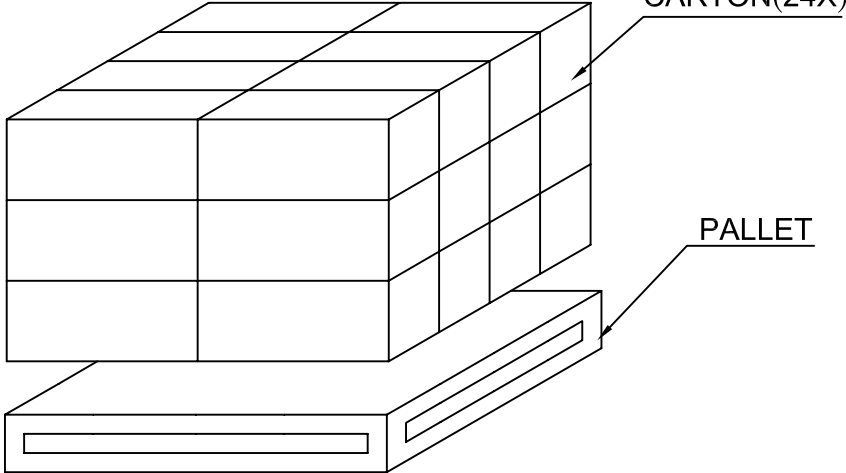
SCALE --- UNIT mm USED ON COOLER

SHEET 1 OF 1 ISSUE DATE:



Delta Electronics Corp.

3. Packing Plan

PART NO.	DHS-B9292-04A																		
BASIC DATA	QUANTITY/CARTON		32 PCS																
	PRODUCTION NET WEIGHT		13.2 Kg (REF)																
	PRODUCTION GROSS WEIGHT		14.5 Kg (REF)																
20(ft)CONTAINER ILLUSTRATE	SIZE	5.889(L)*2.352(w)*2.386(H)m		PACKING QUANTITY	20 PALLETS/CONTAINER														
	CONTAINER	STEEL																	
CONTAINER FORM CONTAINER LOADING METHOD																			
<table border="1"> <tr> <td>PALLET</td> <td>PALLET</td> <td>PALLET</td> <td>PALLET</td> <td>PALLET</td> </tr> <tr> <td>PALLET</td> <td>PALLET</td> <td>PALLET</td> <td>PALLET</td> <td>PALLET</td> </tr> </table> TOP VIEW				PALLET	PALLET	PALLET	PALLET	PALLET	PALLET	PALLET	PALLET	PALLET	PALLET	<table border="1"> <tr> <td>PALLET</td> <td>PALLET</td> </tr> <tr> <td>PALLET</td> <td>PALLET</td> </tr> </table> FRONT VIEW		PALLET	PALLET	PALLET	PALLET
PALLET	PALLET	PALLET	PALLET	PALLET															
PALLET	PALLET	PALLET	PALLET	PALLET															
PALLET	PALLET																		
PALLET	PALLET																		
PALLET LOADING ILLUSTRATE	SIZE	120(L)*100(w)*13.5(H)cm		PACKING QUANTITY	24 CARTONS/PALLET														
	PALLET	WOOD																	
PALLET ILLUSTRATE PALLET LOADING METHOD 																			



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CUSTOMER P/N: ---

DIMENSIONAL TOLERANCES

HOLES : ±0.05 ANGLES : ±0.5°

()	()	()	()
<30	±0.25	DECIMALS	UP~100 :±0.2
>30~100	±0.35	X :±0.3	100~150 :±0.25
>100~300	±0.5	X.X :±0.2	150~200 :±0.3
ABOVE 300	±0.6	X.XX :±0.1	200~250 :±0.35
			250~300 :±0.4
			300~350 :±0.45
			350~400 :±0.5
			400~500 :±0.5
			500~600 :±0.5
			600~900 :±1.5
			900~OVER :±3.1



Description: PRODUCTION SPEC.
(PACKING ASSEMBLY)

A4

Part No. DHS-B9292-04A-PA

REV.

SHEET 1 OF 2 ISSUE DATE:

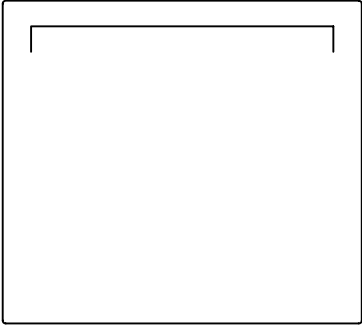
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SCALE --- UNIT --- USED ON COOLER

CARTON ILLUSTRATE	SIZE	516(L)*236(w)*242(H)(mm)	PACKING QUANTITY	4 LAYERS/CARTON
	MATERIAL	5 LAYERS"AB" FLUTE	CARTON WEIGHT	0.9 kg (REF.)

CARTON OUTSIDE DEMONSTRATE

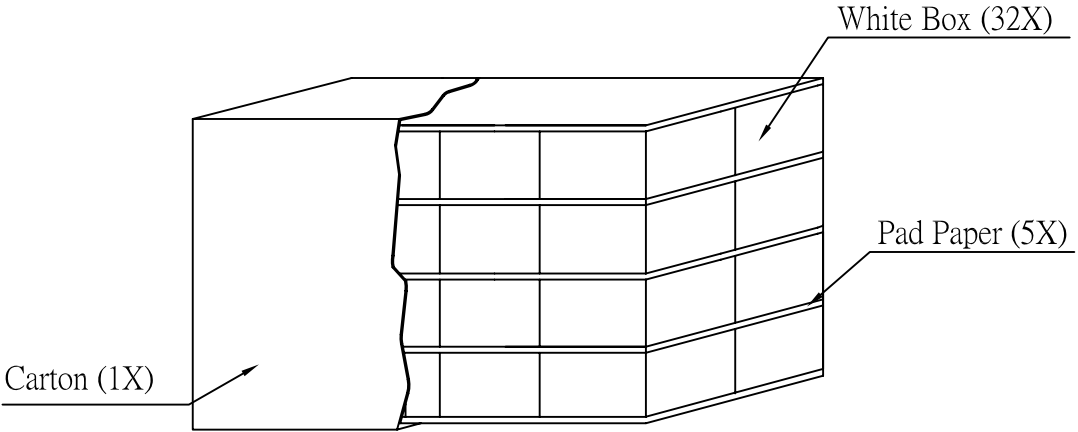
FRONT



BACK

RoHS Compliant		CE
CUSTOMER PART NO.		
DELTA PART NO.		
QUANTITY		
P/O NO.		
DATE CODE		
GROSS WEIGHT		

BOX PACKING ILLUSTRATE	SIZE	126(L)*100(w)*50(H)(mm)	PACKING QUANTITY	1 PCS/BOX
	MATERIAL	PAPER	MATERIAL WEIGHT	40g (REF.)



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		CUSTOMER P/N: - - -	
DIMENSIONAL TOLERANCES () () () () <30 :±0.25 DECIMALS UP~100 :±0.2 250~300 :±0.4 UP~600 :±1.5 >30~100 :±0.35 X :±0.3 100~150 :±0.25 300~350 :±0.45 600~900 :±2.4 >100~300 :±0.5 XX :±0.2 150~200 :±0.3 350~400 :±0.5 900~OVER :±3.1 ABOVE 300 :±0.6 X.XX :±0.1 200~250 :±0.35		HOLES : ±0.05 ANGLES : ±0.5°  Description: PRODUCTION SPEC. (PACKING ASSEMBLY)	
SCALE --- UNIT --- USED ON COOLER		Part No. DHS-B9292-04A-PA SHEET 2 OF 2	REV. -- ISSUE DATE: