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QUANTA COMPUTER INC.

211, WEN HWA 2ND RD., KUEISHAN, TAOYUAN 33377, TAIWAN

The following sample(s) was/were submitted and identified by/on behalf of the client as:

LAPTOP (OLPC) Sample Description

Style/Item No. XO-1.75, XO-4 TOUCH, XO-4

Sample Receiving Date 2011/11/09 AND 2011/12/27 AND 2012/02/04 AND 2013/01/14 2011/11/09 TO 2011/12/05 AND 2011/12/27 TO 2012/01/02 AND **Testing Period**

2012/02/04 TO 2012/02/10 AND 2013/01/14 TO 2013/01/17

Test Requested

: As specified by client, selected parts of the submitted sample(s) for compliance with Public Law 110-

314 (Consumer Product Safety Improvement Act of 2008, CPSIA):

(1) Lead in accessible substrate materials

(2) Phthalates

Test Result(s) Please refer to next page(s).

Summary

Test Parameter	Conclusion
Lead in accessible substrate materials	<u>PASS</u>
Phthalates	<u>PASS</u>

^{*} This report is combined with reports of CE/2011/B1727B and CE/2013/13013 *





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QUANTA COMPUTER INC. 211, WEN HWA 2ND RD., KUEISHAN, TAOYUAN 33377, TAIWAN

Test Result(s)

PART NAME No.1 WHITE PLASTIC (CE/2011/B1727 No.1) PART NAME No.2 GREEN PLASTIC (CE/2011/B1727 No.2) PART NAME No.3 GRAY PLASTIC (CE/2011/B1727 No.3) PART NAME No.4 WHITE PLASTIC (CE/2011/B1727 No.4) PART NAME No.5 GREEN PLASTIC (CE/2011/B1727 No.5) PART NAME No.6 PINK PLASTIC (CE/2011/B1727 No.6) PART NAME No.7 GREEN PLASTIC (CE/2011/B1727 No.7) PART NAME No.8 WHITE PLASTIC (CE/2011/B1727 No.8) PART NAME No.9 BLACK PLASTIC (CE/2011/B1727 No.9)

PART NAME No.10 : TRANSLUCENT PLASTIC (CE/2011/B1727 No.10)
PART NAME No.11 : LT. GREEN PLASTIC (CE/2011/B1727 No.11)
PART NAME No.12 : GREEN PLASTIC (CE/2011/B1727 No.12)
PART NAME No.13 : DK. GREEN PLASTIC (CE/2011/B1727 No.13)
PART NAME No.14 : BLUISH GREEN PLASTIC (CE/2011/B1727 No.14)

PART NAME No.15 : LT. BLUE PLASTIC (CE/2011/B1727 No.15)
PART NAME No.16 : BLUE PLASTIC (CE/2011/B1727 No.16)
PART NAME No.17 : DK. BLUE PLASTIC (CE/2011/B1727 No.17)

PART NAME No.18 : SAPPHIRE BLUE PLASTIC (CE/2011/B1727 No.18)

PART NAME No.19 : PURPLE PLASTIC (CE/2011/B1727 No.19)
PART NAME No.20 : LT. PURPLE PLASTIC (CE/2011/B1727 No.20)
PART NAME No.21 : BROWN PLASTIC (CE/2011/B1727 No.21)
PART NAME No.22 : RED PLASTIC (CE/2011/B1727 No.22)

PART NAME No.23 : YELLOWISH GREEN PLASTIC (CE/2011/B1727 No.23)

PART NAME No.24 : YELLOW PLASTIC (CE/2011/B1727 No.24)
PART NAME No.25 : LT. ORANGE PLASTIC (CE/2011/B1727 No.25)
PART NAME No.26 : ORANGE PLASTIC (CE/2011/B1727 No.26)
PART NAME No.27 : WHITE PLASTIC (CE/2011/B1727A No.1)
PART NAME No.28 : WHITE PLASTIC (CE/2011/B1727A No.2)

PART NAME No.29 : WHITE PLASTIC JACKET WITH GRAY PRINTED (CE/2011/B1727B No.29)

PART NAME No.30 : GREEN PLASTIC (CE/2011/B1727 No.30)

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PART NAME No.31 : GREEN PLASTIC (CE/2011/B1727 No.31)
PART NAME No.32 : GREEN PLASTIC (CE/2011/B1727 No.32)
PART NAME No.33 : GREEN PLASTIC (CE/2011/B1727 No.33)
PART NAME No.34 : WHITE PLASTIC (CE/2011/B1727 No.34)
PART NAME No.35 : WHITE PLASTIC (CE/2011/B1727 No.35)

PART NAME No.36 : WHITE PLASTIC JACKET WITH GRAY PRINTED (CE/2011/B1727 No.36)

PART NAME No.37 : WHITE PLASTIC((BYD) (CE/2013/13013 No.1)
PART NAME No.38 : WHITE PLASTIC((BYD) (CE/2013/13013 No.2)
PART NAME No.39 : WHITE PLASTIC((STL) (CE/2013/13013 No.3)
PART NAME No.40 : WHITE PLASTIC((STL) (CE/2013/13013 No.4)

PART NAME No.41 : BLACK PLASTIC (CE/2013/13013 No.5)

(1) Lead in accessible substrate materials									
Test Item(s)	Unit	Unit Method	MDL		CPSIA				
rest item(s)	Oilit	Wethou	IVIDL	No.1	No.2	No.3	No.4	No.5	Limit
Lead (Pb)		With reference to CPSC-CH-E1002-08.1 method.	2	n.d.	n.d.	n.d.	n.d.	n.d.	100
		Commo	ent	PASS	PASS	PASS	PASS	PASS	-

Toot Itom(s)	Unit Method	MDL			CPSIA				
Test Item(s)		Metriod	MIDL	No.6	No.7	No.8	No.9	No.10	Limit
Lead (Pb)		With reference to CPSC-CH-E1002-08.1 method.	2	n.d.	n.d.	n.d.	n.d.	n.d.	100
		Commo	ent	PASS	PASS	PASS	PASS	PASS	

Test Item(s)	Test Item(s) Unit Method	MDL		CPSIA					
rest item(s)		Wietiioa	IVIDE	No.11	No.12	No.13	No.14	No.15	Limit
Lead (Pb)		With reference to CPSC-CH-E1002-08.1 method.	2	n.d.	n.d.	n.d.	n.d.	n.d.	100
		Comment		PASS	PASS	PASS	PASS	PASS	-

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Toot Itom(s)	` '	MDL			CPSIA				
Test Item(s)		Wethou	IVIDL	No.16	No.17	No.18	No.19	No.20	Limit
Lead (Pb)		With reference to CPSC-CH-E1002-08.1 method.	2	n.d.	n.d.	n.d.	n.d.	n.d.	100
		Comment		PASS	PASS	PASS	PASS	PASS	-

Test Item(s)	Test Item(s) Unit Method	MDL		CPSIA					
rest item(s)		Wethou	IVIDE	No.21	No.22	No.23	No.24	No.25	Limit
Lead (Pb)		With reference to CPSC-CH-E1002-08.1 method.	2	n.d.	n.d.	n.d.	n.d.	n.d.	100
	Comment		ent	PASS	PASS	PASS	PASS	PASS	-

Test Item(s)	Unit	Unit Method	MDL			CPSIA			
rest item(s)	Unit	Wethou	WIDL	No.26	No.27	No.28	No.29	No.30	Limit
Lead (Pb)		With reference to CPSC-CH-E1002-08.1 method.	2	n.d.	n.d.	n.d.	n.d.	n.d.	100
		Comme	ent	PASS	PASS	PASS	PASS	PASS	-

Test Item(s)	Unit	Unit Method	MDL		CPSIA				
l est item(s)	Oilit			No.31	No.32	No.33	No.34	No.35	Limit
Lead (Pb)		With reference to CPSC-CH-E1002-08.1 method.	2	n.d.	n.d.	n.d.	n.d.	n.d.	100
		Comme	PASS	PASS	PASS	PASS	PASS	-	



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Toot Itom(o)	Unit	Unit Method	MDL			CPSIA			
Test Item(s)	`,	MIDE	No.36	No.37	No.38	No.39	No.40	Limit	
Lead (Pb)		With reference to CPSC-CH-E1002-08.1 method.	2	n.d.	n.d.	n.d.	n.d.	n.d.	100
		Comment		PASS	PASS	PASS	PASS	PASS	-

Test Item(s)	Unit	Method	MDL	Result No.41	CPSIA Limit
Lead (Pb)		With reference to CPSC-CH-E1002-08.1 method.	2	n.d.	100
		Comme	ent	PASS	-

Toot Itom(a)	Unit	Method	MDL			Result			CPSIA
Test Item(s)	Unit	Wethod	MIDL	No.1	No.2	No.3	No.4	No.5	Limit
BBP (Benzyl butyl phthalate) (CAS No.: 85-68-7)	%		0.015	n.d.	n.d.	n.d.	n.d.	n.d.	0.1
DBP (Dibutyl phthalate) (CAS No.: 84-74-2)	%	With reference to CPSC-	0.015	n.d.	n.d.	n.d.	n.d.	n.d.	0.1
DEHP (Di- (2-ethylhexyl) phthalate) (CAS No.: 117-81-7)	%		0.015	n.d.	n.d.	n.d.	n.d.	n.d.	0.1
DIDP (Di-isodecyl phthalate) (CAS No.: 26761-40-0)	%	CH-C1001-09.3. Analysis was performed by GC/MS	0.015	n.d.	n.d.	n.d.	n.d.	n.d.	0.1
DINP (Di-isononyl phthalate) (CAS No.: 28553-12-0)	%		0.015	n.d.	n.d.	n.d.	n.d.	n.d.	0.1
DNOP (Di-n-octyl phthalate) (CAS No.: 117-84-0)	%		0.015	n.d.	n.d.	n.d.	n.d.	n.d.	0.1
Comment PASS PASS PASS					PASS	PASS	-		



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Test Item(s)	Unit	Method	MDL			Result			CPSIA
rest item(s)		Wiethod	MDL	No.6	No.7	No.8	No.9	No.10	Limit
BBP (Benzyl butyl phthalate) (CAS No.: 85-68-7)	%		0.015	n.d.	n.d.	n.d.	n.d.	n.d.	0.1
DBP (Dibutyl phthalate) (CAS No.: 84-74-2)	%		0.015	n.d.	n.d.	n.d.	n.d.	n.d.	0.1
DEHP (Di- (2-ethylhexyl) phthalate) (CAS No.: 117-81-7)	%	With reference to CPSC- CH-C1001-09.3. Analysis	0.015	n.d.	n.d.	n.d.	n.d.	n.d.	0.1
DIDP (Di-isodecyl phthalate) (CAS No.: 26761-40-0)	%	was performed by GC/MS	0.015	n.d.	n.d.	n.d.	n.d.	n.d.	0.1
DINP (Di-isononyl phthalate) (CAS No.: 28553-12-0)	%		0.015	n.d.	n.d.	n.d.	n.d.	n.d.	0.1
DNOP (Di-n-octyl phthalate) (CAS No.: 117-84-0)	%		0.015	n.d.	n.d.	n.d.	n.d.	n.d.	0.1
Comment PASS PASS PASS PASS PASS						-			

Test Item(s)	Unit	Mathad		CPSIA					
rest item(s)	5	Method	MDL	No.11	No.12	No.13	No.14	No.15	Limit
BBP (Benzyl butyl phthalate) (CAS No.: 85-68-7)	%		0.015	n.d.	n.d.	n.d.	n.d.	n.d.	0.1
DBP (Dibutyl phthalate) (CAS No.: 84-74-2)	%	With reference to CPSC- CH-C1001-09.3. Analysis was performed by GC/MS	0.015	n.d.	n.d.	n.d.	n.d.	n.d.	0.1
DEHP (Di- (2-ethylhexyl) phthalate) (CAS No.: 117-81-7)	%		0.015	n.d.	n.d.	n.d.	n.d.	n.d.	0.1
DIDP (Di-isodecyl phthalate) (CAS No.: 26761-40-0)	%		0.015	n.d.	n.d.	n.d.	n.d.	n.d.	0.1
DINP (Di-isononyl phthalate) (CAS No.: 28553-12-0)	%		0.015	n.d.	n.d.	n.d.	n.d.	n.d.	0.1
DNOP (Di-n-octyl phthalate) (CAS No.: 117-84-0)	%		0.015	n.d.	n.d.	n.d.	n.d.	n.d.	0.1
Comment					PASS	PASS	PASS	PASS	-



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Test Item(s)	Method	MDL		CPSIA					
rest item(s)	(s) Unit Method		MIDL	No.16	No.17	No.18	No.19	No.20	Limit
BBP (Benzyl butyl phthalate) (CAS No.: 85-68-7)	%		0.015	n.d.	n.d.	n.d.	n.d.	n.d.	0.1
DBP (Dibutyl phthalate) (CAS No.: 84-74-2)	%	With reference to CPSC- CH-C1001-09.3. Analysis was performed by GC/MS	0.015	n.d.	n.d.	n.d.	n.d.	n.d.	0.1
DEHP (Di- (2-ethylhexyl) phthalate) (CAS No.: 117-81-7)	%		0.015	n.d.	n.d.	n.d.	n.d.	n.d.	0.1
DIDP (Di-isodecyl phthalate) (CAS No.: 26761-40-0)	%		0.015	n.d.	n.d.	n.d.	n.d.	n.d.	0.1
DINP (Di-isononyl phthalate) (CAS No.: 28553-12-0)	%		0.015	n.d.	n.d.	n.d.	n.d.	n.d.	0.1
DNOP (Di-n-octyl phthalate) (CAS No.: 117-84-0)	%		0.015	n.d.	n.d.	n.d.	n.d.	n.d.	0.1
Comment					PASS	PASS	PASS	PASS	-

Test Item(s)	Unit	Method	MDL		CPSIA				
rest item(s)	Test item(s) Onit Method		WIDL	No.21	No.22	No.23	No.24	No.25	Limit
BBP (Benzyl butyl phthalate) (CAS No.: 85-68-7)	%		0.015	n.d.	n.d.	n.d.	n.d.	n.d.	0.1
DBP (Dibutyl phthalate) (CAS No.: 84-74-2)	%	With reference to CPSC- CH-C1001-09.3. Analysis was performed by GC/MS	0.015	n.d.	n.d.	n.d.	n.d.	n.d.	0.1
DEHP (Di- (2-ethylhexyl) phthalate) (CAS No.: 117-81-7)	%		0.015	n.d.	n.d.	n.d.	n.d.	n.d.	0.1
DIDP (Di-isodecyl phthalate) (CAS No.: 26761-40-0)	%		0.015	n.d.	n.d.	n.d.	n.d.	n.d.	0.1
DINP (Di-isononyl phthalate) (CAS No.: 28553-12-0)	%		0.015	n.d.	n.d.	n.d.	n.d.	n.d.	0.1
DNOP (Di-n-octyl phthalate) (CAS No.: 117-84-0)	%		0.015	n.d.	n.d.	n.d.	n.d.	n.d.	0.1
Comment					PASS	PASS	PASS	PASS	-



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Toot Itom(o)	Unit	Mothod	MDL		CPSIA				
Test Item(s)	Unit Method		MDL	No.26	No.27	No.28	No.29	No.30	Limit
BBP (Benzyl butyl phthalate) (CAS No.: 85-68-7)	%		0.015	n.d.	n.d.	n.d.	n.d.	n.d.	0.1
DBP (Dibutyl phthalate) (CAS No.: 84-74-2)	%	With reference to CPSC- CH-C1001-09.3. Analysis was performed by GC/MS	0.015	n.d.	n.d.	n.d.	n.d.	n.d.	0.1
DEHP (Di- (2-ethylhexyl) phthalate) (CAS No.: 117-81-7)	%		0.015	n.d.	n.d.	n.d.	n.d.	n.d.	0.1
DIDP (Di-isodecyl phthalate) (CAS No.: 26761-40-0)	%		0.015	n.d.	n.d.	n.d.	n.d.	n.d.	0.1
DINP (Di-isononyl phthalate) (CAS No.: 28553-12-0)	%		0.015	n.d.	n.d.	n.d.	n.d.	n.d.	0.1
DNOP (Di-n-octyl phthalate) (CAS No.: 117-84-0)	%		0.015	n.d.	n.d.	n.d.	n.d.	n.d.	0.1
Comment					PASS	PASS	PASS	PASS	-

Test Item(s)	Unit	Method	MDL		CPSIA				
	Ullit	Wiethou	MIDL	No.31	No.32	No.33	No.34	No.35	Limit
BBP (Benzyl butyl phthalate) (CAS No.: 85-68-7)	%		0.015	n.d.	n.d.	n.d.	n.d.	n.d.	0.1
DBP (Dibutyl phthalate) (CAS No.: 84-74-2)	%	With reference to CPSC- CH-C1001-09.3. Analysis was performed by GC/MS	0.015	n.d.	n.d.	n.d.	n.d.	n.d.	0.1
DEHP (Di- (2-ethylhexyl) phthalate) (CAS No.: 117-81-7)	%		0.015	n.d.	n.d.	n.d.	n.d.	n.d.	0.1
DIDP (Di-isodecyl phthalate) (CAS No.: 26761-40-0)	%		0.015	n.d.	n.d.	n.d.	n.d.	n.d.	0.1
DINP (Di-isononyl phthalate) (CAS No.: 28553-12-0)	%		0.015	n.d.	n.d.	n.d.	n.d.	n.d.	0.1
DNOP (Di-n-octyl phthalate) (CAS No.: 117-84-0)	%		0.015	n.d.	n.d.	n.d.	n.d.	n.d.	0.1
Comment				PASS	PASS	PASS	PASS	PASS	-



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Test Item(s)	Unit	Method	MDL			CPSIA			
rest item(s)	Offic Welflod		MDL	No.36	No.37	No.38	No.39	No.40	Limit
BBP (Benzyl butyl phthalate) (CAS No.: 85-68-7)	%		0.015	n.d.	n.d.	n.d.	n.d.	n.d.	0.1
DBP (Dibutyl phthalate) (CAS No.: 84-74-2)	%	With reference to CPSC- CH-C1001-09.3. Analysis was performed by GC/MS	0.015	n.d.	n.d.	n.d.	n.d.	n.d.	0.1
DEHP (Di- (2-ethylhexyl) phthalate) (CAS No.: 117-81-7)	%		0.015	n.d.	n.d.	n.d.	n.d.	n.d.	0.1
DIDP (Di-isodecyl phthalate) (CAS No.: 26761-40-0)	%		0.015	n.d.	n.d.	n.d.	n.d.	n.d.	0.1
DINP (Di-isononyl phthalate) (CAS No.: 28553-12-0)	%		0.015	n.d.	n.d.	n.d.	n.d.	n.d.	0.1
DNOP (Di-n-octyl phthalate) (CAS No.: 117-84-0)	%		0.015	n.d.	n.d.	n.d.	n.d.	n.d.	0.1
Comment					PASS	PASS	PASS	PASS	-

Test Item(s)	Unit	Method	MDL	Result No.41	CPSIA Limit
BBP (Benzyl butyl phthalate) (CAS No.: 85-68-7)	%		0.015	n.d.	0.1
DBP (Dibutyl phthalate) (CAS No.: 84-74-2)	%		0.015	n.d.	0.1
DEHP (Di- (2-ethylhexyl) phthalate) (CAS No.: 117-81-7)	%	With reference to CPSC-	0.015	n.d.	0.1
DIDP (Di-isodecyl phthalate) (CAS No.: 26761-40-0)	%	CH-C1001-09.3. Analysis was performed by GC/MS	0.015	n.d.	0.1
DINP (Di-isononyl phthalate) (CAS No.: 28553-12-0)	%		0.015	n.d.	0.1
DNOP (Di-n-octyl phthalate) (CAS No.: 117-84-0)	%		0.015	n.d.	0.1
	PASS	-			



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Note:

- 1. mg/kg = ppm; 0.1wt% = 1000ppm
- 2. n.d. = Not Detected
- 3. MDL = Method Detection Limit
- 4. " " = Not Regulated



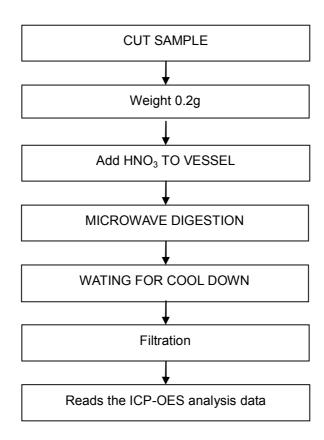
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CPSIA Non-Metal of Total lead content test

- 1) Name of the person who made measurement: Climbgreat Yang
- Name of the person in charge of measurement: Troy Chang 2)





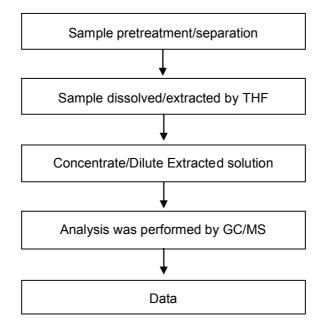
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Analytical flow chart of phthalate content

- Name of the person who made measurement: Andy Shu
- Name of the person in charge of measurement: Troy Chang





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* The tested sample / part is marked by an arrow if it's shown on the photo. *

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PART NAME No.1



PART NAME No.2





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PART NAME No.3



PART NAME No.4



PART NAME No.5



PART NAME No.6





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PART NAME No.7



PART NAME No.8



PART NAME No.9



PART NAME No.10





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QUANTA COMPUTER INC. 211, WEN HWA 2ND RD., KUEISHAN, TAOYUAN 33377, TAIWAN



PART NAME No.11

CE/2011/B1727 NO.11



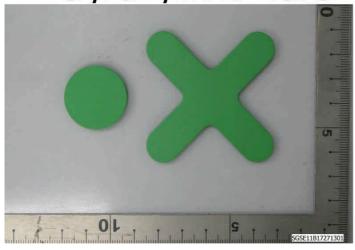
PART NAME No.12

CE/2011/B1727 NO.12



PART NAME No.13

CE/2011/B1727 NO.13



PART NAME No.14

CE/2011/B1727 NO.14



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PART NAME No.15

CE/2011/B1727 NO.15



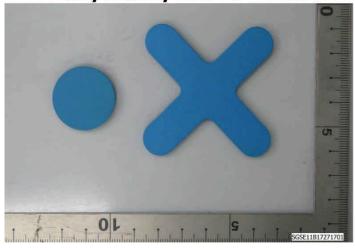
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CE/2011/B1727 NO.16



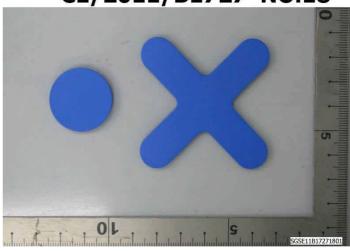
PART NAME No.17

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PART NAME No.18

CE/2011/B1727 NO.18



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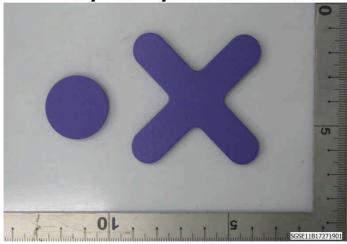
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PART NAME No.19

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PART NAME No.20

CE/2011/B1727 NO.20



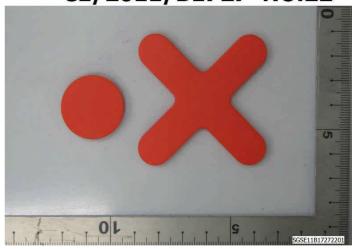
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PART NAME No.22

CE/2011/B1727 NO.22





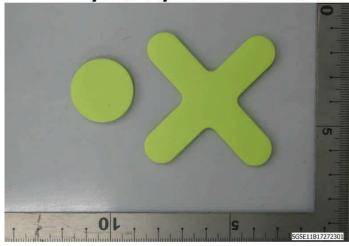
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PART NAME No.23

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PART NAME No.24

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PART NAME No.25

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PART NAME No.26

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QUANTA COMPUTER INC. 211, WEN HWA 2ND RD., KUEISHAN, TAOYUAN 33377, TAIWAN **PART NAME No.27**

CE/2011/B1727A NO.1



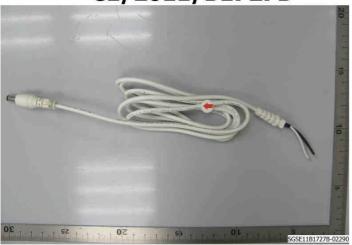
PART NAME No.28

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PART NAME No.29

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PART NAME No.30





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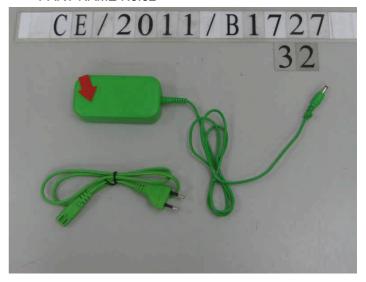
QUANTA COMPUTER INC. 211, WEN HWA 2ND RD., KUEISHAN, TAOYUAN 33377, TAIWAN



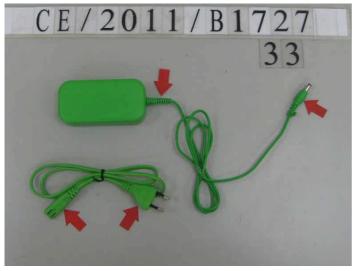
PART NAME No.31



PART NAME No.32



PART NAME No.33



PART NAME No.34

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QUANTA COMPUTER INC. 211, WEN HWA 2ND RD., KUEISHAN, TAOYUAN 33377, TAIWAN PART NAME No.35

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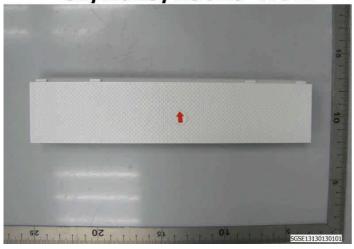
PART NAME No.36

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PART NAME No.37

CE/2013/13013 NO.1



PART NAME No.38

CE/2013/13013 NO.2





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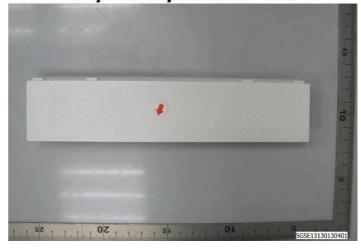
QUANTA COMPUTER INC. 211, WEN HWA 2ND RD., KUEISHAN, TAOYUAN 33377, TAIWAN PART NAME No.39

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PART NAME No.40

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PART NAME No.41

CE/2013/13013 NO.5



** End of Report **