

Survey Report

WONDE PROUND TECHNOLOGY CO., LTD.

Report No : CS/2006/30639

Date : 2006/04/03

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The following merchandise was(were) submitted and identified by the client as :

Type of Product : GPS MODULE
Style/Item No : ZX4125

=====
Test Result : - Please see the next page -

This report is combined with 30 copies of report which provides by client


Daniel Yeh, M.R. / Operation Manager
Signed for and on behalf of
SGS TAIWAN LTD.

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Test Result

PART NAME NO.1	:	GOLD WIRE(F690101/LF-CTS014491)
PART NAME NO.2	:	ABLEBOND 8290(6901/047359)
PART NAME NO.3	:	IC(CE/2005/63539)
PART NAME NO.4	:	FAIRCHILD SOT23 PACKAGE(113070596)(TUV)
PART NAME NO.5	:	IC(SOT-23)(JP/2005/041292)
PART NAME NO.6	:	IC MIXED ALL PARTS(CE/2006/12558)
PART NAME NO.7	:	CHIP RESISTOR(KA/2005/70988)
PART NAME NO.8	:	THICK FILM CHIP RESISTOR(KA/2005/80651)
PART NAME NO.9	:	THICK FILM CHIP RESISTOR(KA/2005/70989)
PART NAME NO.10	:	THICK FILM CHIP RESISTOR(KA/2005/80644)
PART NAME NO.11	:	NPO YM(CE/2003/81783)
PART NAME NO.12	:	BROWN/SILVER COLORED METAL PELLETS(CE/2004/82582)
PART NAME NO.13	:	COFFEE/SILVER COLORED METAL PELLETS(CE/2004/82580)
PART NAME NO.14	:	MIXED ALL PARTS(MULTILAYER CERAMIC CAPACITOR(CE/2004/A0289)
PART NAME NO.15	:	MULTILAYER CERAMIC CAPACITOR(CE/2003/C0998)
PART NAME NO.16	:	MULTILAYER CERAMIC CAPACITOR(CE/2003/C1000)
PART NAME NO.17	:	MIXED ALL PARTS(MLG SERIES)(CE/2004/C5304)
PART NAME NO.18	:	MIXED ALL PARTS(MLG SERIES)(CE/2004/C5303)
PART NAME NO.19	:	MLG SERIES(CE/2004/40403A)
PART NAME NO.20	:	MLG SERIES(CE/2004/40405A)
PART NAME NO.21	:	MLG SERIES(CE/2004/40406A)
PART NAME NO.22	:	MIXED ALL PARTS(SURFACE ACOUSTIC WAVE FILTER DEVICES)(CE/2004/C4588)
PART NAME NO.23	:	MIXED ALL PARTS(SMD)(CE/2006/11561)
PART NAME NO.24	:	MIXED ALL PARTS(GENERAL PURPOSE(CE/2004/A0652)
PART NAME NO.25	:	SILVER/GOLDEN COLORED METAL(CE/2006/15386A)
PART NAME NO.26	:	BLACK PLASTIC PELLETS(CE/2004/C0472)
PART NAME NO.27	:	EPOXY(HR-05-00305X)
PART NAME NO.28	:	MIXED ALL PARTS(TEMPERATURE COMPENSATED CRYSTAL OSCILLATOR(CE/2005/51880)
PART NAME NO.29	:	GREEN PCB(CE/2004/50736)
PART NAME NO.30	:	SILVER COLORED METAL SHEET(CE/2005/82295)

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Test Item(s):	Unit	Method	MDL	Result				
				NO.1	NO.2	NO.3	NO.4	NO.5
Chromium VI (Cr+6)	ppm	UV-VIS(US EPA 7196A) after reference to US EPA 3060A.	2	N.D.	N.D.	N.D.	N.D.	N.D.
Cadmium (Cd)	ppm	ICP-AES after reference to EN 1122, method B:2001 or other acid digestion.	2	N.D.	N.D.	N.D.	N.D.	---
Cadmium (Cd)	ppm	ICP-AES after reference to US EPA 3052 or other acid digestion.	2	---	---	---	---	N.D.
Mercury (Hg)	ppm	ICP-AES after reference to US EPA 3052 or other acid digestion.	2	N.D.	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	ppm	ICP-AES after reference to US EPA 3050B or other acid digestion.	2	<5.0	N.D.	30.7	17.0	---
Lead (Pb)	ppm	ICP-AES after reference to US EPA 3052 or other acid digestion.	2	---	---	---	---	N.D.

Test Item(s):	Unit	Method	MDL	Result				
				NO.1	NO.2	NO.3	NO.4	NO.5
Monobromobiphenyl	%	With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	---	---	---	---	N.D.
Dibromobiphenyl	%		0.0005	---	---	---	---	N.D.
Tribromobiphenyl	%		0.0005	---	---	---	---	N.D.
Tetrabromobiphenyl	%		0.0005	---	---	---	---	N.D.
Pentabromobiphenyl	%		0.0005	---	---	---	---	N.D.
Hexabromobiphenyl	%		0.0005	---	---	---	---	N.D.
Heptabromobiphenyl	%		0.0005	---	---	---	---	N.D.
Octabromobiphenyl	%		0.0005	---	---	---	---	N.D.
Nonabromobiphenyl	%		0.0005	---	---	---	---	N.D.
Decabromobiphenyl	%		0.0005	---	---	---	---	N.D.
Total PBBs (Polybrominated biphenyls)/Sum of above	%		-	---	---	---	<10ppm	N.D.

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Test Item(s):	Unit	Method	MDL	Result				
				NO.1	NO.2	NO.3	NO.4	NO.5
Monobromobiphenyl ether	%	With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	---	---	---	---	N.D.
Dibromobiphenyl ether	%		0.0005	---	---	---	---	N.D.
Tribromobiphenyl ether	%		0.0005	---	---	---	---	N.D.
Tetrabromobiphenyl ether	%		0.0005	---	---	---	---	N.D.
Pentabromobiphenyl ether	%		0.0005	---	---	---	---	N.D.
Hexabromobiphenyl ether	%		0.0005	---	---	---	---	N.D.
Heptabromobiphenyl ether	%		0.0005	---	---	---	---	N.D.
Octabromobiphenyl ether	%		0.0005	---	---	---	---	N.D.
Nonabromobiphenyl ether	%		0.0005	---	---	---	---	N.D.
Decabromobiphenyl ether	%		0.0005	---	---	---	---	N.D.
Total PBBEs(PBDEs) (Polybrominated biphenyl ethers)/Sum of above	%		-	---	---	---	<10ppm	N.D.
Total of Mono to Nona-brominated biphenyl ether. (Note 4)	%		-	---	---	---	---	N.D.

Test Item(s):	Unit	Method	MDL	Result				
				NO.6	NO.7	NO.8	NO.9	NO.10
Cadmium (Cd)	ppm	ICP-AES after reference to EN 1122, method B:2001 or other acid digestion.	2	N.D.	---	---	N.D.	---
Mercury (Hg)	ppm	ICP-AES after reference to US EPA 3052 or other acid digestion.	2	N.D.	---	---	N.D.	---
Lead (Pb)	ppm	ICP-AES after reference to US EPA 3050B or other acid digestion.	2	10.9	10.8	694.0	---	328.0

Test Item(s):	Unit	Method	MDL	Result				
				NO.11	NO.12	NO.13	NO.14	NO.15
Chromium VI (Cr+6)	ppm	UV-VIS(US EPA 7196A) after reference to US EPA 3060A.	2	N.D.	N.D.	N.D.	N.D.	N.D.
Cadmium (Cd)	ppm	ICP-AES after reference to EN 1122, method B:2001 or other acid digestion.	2	N.D.	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	ppm	ICP-AES after reference to US EPA 3052 or other acid digestion.	2	N.D.	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	ppm	ICP-AES after reference to US EPA 3050B or other acid digestion.	2	373.1	16.6	25.5	907.1	12.0

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Test Item(s):	Unit	Method	MDL	Result				
				NO.11	NO.12	NO.13	NO.14	NO.15
Monobromobiphenyl	%	With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	-	N.D.	N.D.	N.D.	N.D.	N.D.
Dibromobiphenyl	%		0.0005	N.D.	N.D.	N.D.	N.D.	N.D.
Tribromobiphenyl	%		0.0005	N.D.	N.D.	N.D.	N.D.	N.D.
Tetrabromobiphenyl	%		0.0005	N.D.	N.D.	N.D.	N.D.	N.D.
Pentabromobiphenyl	%		0.0005	N.D.	N.D.	N.D.	N.D.	N.D.
Hexabromobiphenyl	%		0.0005	N.D.	N.D.	N.D.	N.D.	N.D.
Heptabromobiphenyl	%		0.0005	N.D.	N.D.	N.D.	N.D.	N.D.
Octabromobiphenyl	%		0.0005	N.D.	N.D.	N.D.	N.D.	N.D.
Nonabromobiphenyl	%		0.0005	N.D.	N.D.	N.D.	N.D.	N.D.
Decabromobiphenyl	%		0.0005	N.D.	N.D.	N.D.	N.D.	N.D.
Total PBBs (Polybrominated biphenyls)/Sum of above	%		-	N.D.	N.D.	N.D.	N.D.	N.D.
Monobromobiphenyl ether	%	With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	N.D.	N.D.	N.D.	N.D.	N.D.
Dibromobiphenyl ether	%		0.0005	N.D.	N.D.	N.D.	N.D.	N.D.
Tribromobiphenyl ether	%		0.0005	N.D.	N.D.	N.D.	N.D.	N.D.
Tetrabromobiphenyl ether	%		0.0005	N.D.	N.D.	N.D.	N.D.	N.D.
Pentabromobiphenyl ether	%		0.0005	N.D.	N.D.	N.D.	N.D.	N.D.
Hexabromobiphenyl ether	%		0.0005	N.D.	N.D.	N.D.	N.D.	N.D.
Heptabromobiphenyl ether	%		0.0005	N.D.	N.D.	N.D.	N.D.	N.D.
Octabromobiphenyl ether	%		0.0005	N.D.	N.D.	N.D.	N.D.	N.D.
Nonabromobiphenyl ether	%		0.0005	N.D.	N.D.	N.D.	N.D.	N.D.
Decabromobiphenyl ether	%		0.0005	N.D.	N.D.	N.D.	N.D.	N.D.
Total PBBEs(PBDEs) (Polybrominated biphenyl ethers)/Sum of above	%		-	N.D.	N.D.	N.D.	N.D.	N.D.
Total of Mono to Nona-brominated biphenyl ether. (Note 4)	%	-	N.D.	N.D.	N.D.	N.D.	N.D.	

Test Item(s):	Unit	Method	MDL	Result				
				NO.16	NO.17	NO.18	NO.19	NO.20
Chromium VI (Cr+6)	ppm	UV-VIS(US EPA 7196A) after reference to US EPA 3060A.	2	N.D.	---	---	---	---
Cadmium (Cd)	ppm	ICP-AES after reference to EN 1122, method B:2001 or other acid digestion.	2	N.D.	---	---	N.D.	---
Mercury (Hg)	ppm	ICP-AES after reference to US EPA 3052 or other acid digestion.	2	N.D.	---	---	---	N.D.
Lead (Pb)	ppm	ICP-AES after reference to US EPA 3050B or other acid digestion.	2	7.3	---	35.6	---	---

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Test Item(s):	Unit	Method	MDL	Result				
				NO.16	NO.17	NO.18	NO.19	NO.20
Monobromobiphenyl	%	With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	N.D.	N.D.	---	---	---
Dibromobiphenyl	%		0.0005	N.D.	N.D.	---	---	---
Tribromobiphenyl	%		0.0005	N.D.	N.D.	---	---	---
Tetrabromobiphenyl	%		0.0005	N.D.	N.D.	---	---	---
Pentabromobiphenyl	%		0.0005	N.D.	N.D.	---	---	---
Hexabromobiphenyl	%		0.0005	N.D.	N.D.	---	---	---
Heptabromobiphenyl	%		0.0005	N.D.	N.D.	---	---	---
Octabromobiphenyl	%		0.0005	N.D.	N.D.	---	---	---
Nonabromobiphenyl	%		0.0005	N.D.	N.D.	---	---	---
Decabromobiphenyl	%		0.0005	N.D.	N.D.	---	---	---
Total PBBs (Polybrominated biphenyls)/Sum of above	%		-	N.D.	N.D.	---	---	---
Monobromobiphenyl ether	%	With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	N.D.	N.D.	---	---	---
Dibromobiphenyl ether	%		0.0005	N.D.	N.D.	---	---	---
Tribromobiphenyl ether	%		0.0005	N.D.	N.D.	---	---	---
Tetrabromobiphenyl ether	%		0.0005	N.D.	N.D.	---	---	---
Pentabromobiphenyl ether	%		0.0005	N.D.	N.D.	---	---	---
Hexabromobiphenyl ether	%		0.0005	N.D.	N.D.	---	---	---
Heptabromobiphenyl ether	%		0.0005	N.D.	N.D.	---	---	---
Octabromobiphenyl ether	%		0.0005	N.D.	N.D.	---	---	---
Nonabromobiphenyl ether	%		0.0005	N.D.	N.D.	---	---	---
Decabromobiphenyl ether	%		0.0005	N.D.	N.D.	---	---	---
Total PBBEs(PBDEs) (Polybrominated biphenyl ethers)/Sum of above	%		-	N.D.	N.D.	---	---	---
Total of Mono to Nona-brominated biphenyl ether. (Note 4)	%	-	N.D.	N.D.	---	---	---	

Test Item(s):	Unit	Method	MDL	Result				
				NO.21	NO.22	NO.23	NO.24	NO.25
Chromium VI (Cr+6)	ppm	UV-VIS(US EPA 7196A) after reference to US EPA 3060A.	2	N.D.	N.D.	N.D.	N.D.	N.D.
Cadmium (Cd)	ppm	ICP-AES after reference to EN 1122, method B:2001 or other acid digestion.	2	---	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	ppm	ICP-AES after reference to US EPA 3052 or other acid digestion.	2	---	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	ppm	ICP-AES after reference to US EPA 3050B or other acid digestion.	2	---	N.D.	N.D.	14.5	26.3

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Test Item(s):	Unit	Method	MDL	Result				
				NO.21	NO.22	NO.23	NO.24	NO.25
Monobromobiphenyl	%	With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	---	N.D.	N.D.	---	N.D.
Dibromobiphenyl	%		0.0005	---	N.D.	N.D.	---	N.D.
Tribromobiphenyl	%		0.0005	---	N.D.	N.D.	---	N.D.
Tetrabromobiphenyl	%		0.0005	---	N.D.	N.D.	---	N.D.
Pentabromobiphenyl	%		0.0005	---	N.D.	N.D.	---	N.D.
Hexabromobiphenyl	%		0.0005	---	N.D.	N.D.	---	N.D.
Heptabromobiphenyl	%		0.0005	---	N.D.	N.D.	---	N.D.
Octabromobiphenyl	%		0.0005	---	N.D.	N.D.	---	N.D.
Nonabromobiphenyl	%		0.0005	---	N.D.	N.D.	---	N.D.
Decabromobiphenyl	%		0.0005	---	N.D.	N.D.	---	N.D.
Total PBBs (Polybrominated biphenyls)/Sum of above	%		-	---	N.D.	N.D.	---	N.D.
Monobromobiphenyl ether	%		With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	---	N.D.	N.D.	---
Dibromobiphenyl ether	%	0.0005		---	N.D.	N.D.	---	N.D.
Tribromobiphenyl ether	%	0.0005		---	N.D.	N.D.	---	N.D.
Tetrabromobiphenyl ether	%	0.0005		---	N.D.	N.D.	---	N.D.
Pentabromobiphenyl ether	%	0.0005		---	N.D.	N.D.	---	N.D.
Hexabromobiphenyl ether	%	0.0005		---	N.D.	N.D.	---	N.D.
Heptabromobiphenyl ether	%	0.0005		---	N.D.	N.D.	---	N.D.
Octabromobiphenyl ether	%	0.0005		---	N.D.	N.D.	---	N.D.
Nonabromobiphenyl ether	%	0.0005		---	N.D.	N.D.	---	N.D.
Decabromobiphenyl ether	%	0.0005		---	N.D.	N.D.	---	N.D.
Total PBBEs(PBDEs) (Polybrominated biphenyl ethers)/Sum of above	%	-		---	N.D.	N.D.	---	N.D.
Total of Mono to Nona-brominated biphenyl ether. (Note 4)	%	-		---	N.D.	N.D.	---	N.D.

Test Item(s):	Unit	Method	MDL	Result				
				NO.26	NO.27	NO.28	NO.29	NO.30
Chromium VI (Cr+6)	ppm	UV-VIS(US EPA 7196A) after reference to US EPA 3060A.	2	N.D.	N.D.	N.D.	N.D.	N.D.
Cadmium (Cd)	ppm	ICP-AES after reference to EN 1122, method B:2001 or other acid digestion.	2	N.D.	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	ppm	ICP-AES after reference to US EPA 3052 or other acid digestion.	2	N.D.	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	ppm	ICP-AES after reference to US EPA 3050B or other acid digestion.	2	N.D.	N.D.	N.D.	N.D.	N.D.

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Test Item(s):	Unit	Method	MDL	Result				
				NO.26	NO.27	NO.28	NO.29	NO.30
Monobromobiphenyl	%	With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	N.D.	N.D.	N.D.	N.D.	---
Dibromobiphenyl	%		0.0005	N.D.	N.D.	N.D.	N.D.	---
Tribromobiphenyl	%		0.0005	N.D.	N.D.	N.D.	N.D.	---
Tetrabromobiphenyl	%		0.0005	N.D.	N.D.	N.D.	N.D.	---
Pentabromobiphenyl	%		0.0005	N.D.	N.D.	N.D.	N.D.	---
Hexabromobiphenyl	%		0.0005	N.D.	N.D.	N.D.	N.D.	---
Heptabromobiphenyl	%		0.0005	N.D.	N.D.	N.D.	N.D.	---
Octabromobiphenyl	%		0.0005	N.D.	N.D.	N.D.	N.D.	---
Nonabromobiphenyl	%		0.0005	N.D.	N.D.	N.D.	N.D.	---
Decabromobiphenyl	%		0.0005	N.D.	N.D.	N.D.	N.D.	---
Total PBBs (Polybrominated biphenyls)/Sum of above	%		-	N.D.	N.D.	N.D.	N.D.	---
Monobromobiphenyl ether	%	With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	N.D.	N.D.	N.D.	N.D.	---
Dibromobiphenyl ether	%		0.0005	N.D.	N.D.	N.D.	N.D.	---
Tribromobiphenyl ether	%		0.0005	N.D.	N.D.	N.D.	N.D.	---
Tetrabromobiphenyl ether	%		0.0005	N.D.	N.D.	N.D.	N.D.	---
Pentabromobiphenyl ether	%		0.0005	N.D.	N.D.	N.D.	N.D.	---
Hexabromobiphenyl ether	%		0.0005	N.D.	N.D.	N.D.	N.D.	---
Heptabromobiphenyl ether	%		0.0005	N.D.	N.D.	N.D.	N.D.	---
Octabromobiphenyl ether	%		0.0005	N.D.	N.D.	N.D.	N.D.	---
Nonabromobiphenyl ether	%		0.0005	N.D.	N.D.	N.D.	N.D.	---
Decabromobiphenyl ether	%		0.0005	N.D.	N.D.	N.D.	N.D.	---
Total PBBEs(PBDEs) (Polybrominated biphenyl ethers)/Sum of above	%		-	N.D.	N.D.	N.D.	N.D.	---
Total of Mono to Nona-brominated biphenyl ether. (Note 4)	%	-	N.D.	N.D.	N.D.	N.D.	---	

- NOTE: (1) N.D. = Not detected (<MDL)
 (2) ppm = mg/kg
 (3) MDL = Method Detection Limit
 (4) Decabromodiphenyl ether (DecaBDE) in polymeric applications is exempted by Commission Decision of 13 Oct 2005 amending Directive 2002/95/EC notified under document 2005/717/EC.
 (5) PBBEs=PBDEs=Polybrominated Diphenyl Ethers=PBDOs=PBBOs.
 (6) " - " = Not Regulation
 (7) " --- " = Not Applicable

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