

Disassembly Assessment Report

Product Name : LCD Monitor

Model No. : T2254MSC-B2AG/B2AGJ

Performance Date : 2025/04/17



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1, Product General Information

- Model No. : T2254MSC-B2AG

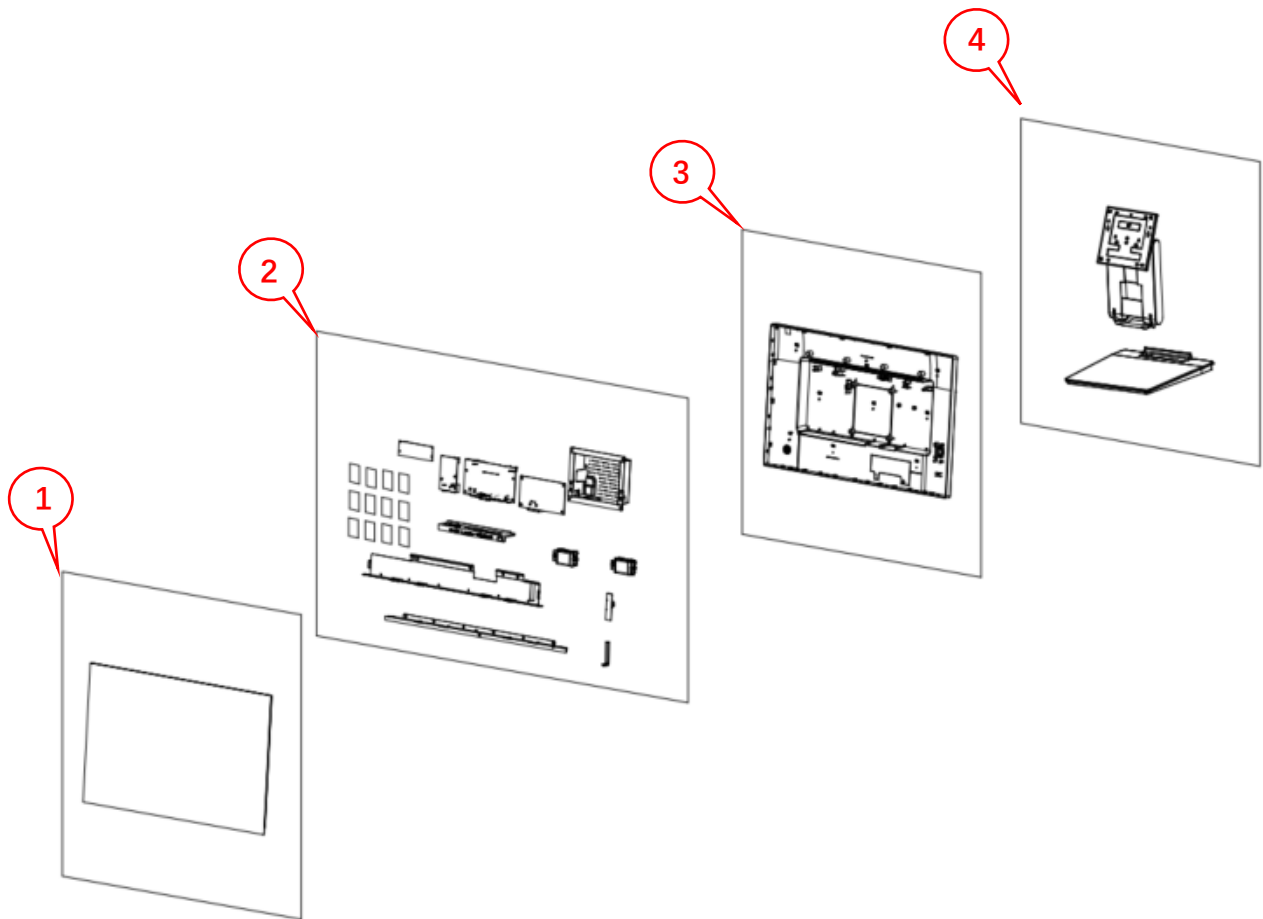
- Spec. :

- Panel : 21.5"
- Max. resolution: 1920 x 1080
- HDMI*1
- DP*1
- USB *2
- Line out*1

- Approval environment standard:

- RoHS
- WEEE
- REACH

2, Product Assembly



Item	Item2	Description	Qty	Remark
1	1-1	屏 glass	1	
	1-2	触摸屏 Touch Screen	1	
	1-3	OURCE 板固定双面胶 Raw Adhesive Tape	3	
	1-4	导电布 Raw Adhesive Tape	3	
	1-5	反射片 Reflect sheet	1	
	1-6	封屏胶 Screen sealant_UFT U&D	2	
	1-7	封屏胶 Screen sealant_UFT L&R	3	
	1-8	灯条导热胶 Light Bar heat conduction glue	0.48M	
	1-9	铝箔片 aluminum foil sheet	4	
	1-10	SCF 泡棉 SCF sponge	2	
	1-11	海绵条 PE conduct sponge tape	1	
	1-12	透镜 Lens	1	
	1-13	背板组件 metal back cover package	2	
	1-14	硅胶挡块 1 Silicone block1	1	
	1-15	硅胶挡块 2 Silicone block2	2	
	1-16	中框 middle frame	1	
	1-17	下框 Lower front frame	1	
	1-18	麦拉片-左 Mylar tablets - left	1	
	1-19	麦拉片-右 Mylar slices - right	1	

	1-20	导电布 conductive fabric	3	
	1-21	螺钉 3X3 SCREW M3*3	3	
	1-22	M2.5*5 机制螺丝 screw M3*4	7	
	1-23	醋酸胶带 Raw Adhesive	0.08m	
	1-26	黑色遮光胶纸 Black masking tape	0.13m	
	1-27	光学膜片 diffuse sheet	4	
2	2-1	AV 支架 AV bracket	1	
	2-2	机制螺丝 M4X6 Metal screw M4X6	8	
	2-3	屏蔽罩 Metal Shield cover	1	
	2-4	绝缘片 Fireproof gasket	2	
	2-5	导电海绵 Conductive sponge	2	
	2-6	SCF 泡棉 SCF sponge	1	
	2-8	V0 片 POWER SUPPLY Mylar sheet	2	
	2-9	电源板 Power panel	1	
	2-10	F 头螺丝 M3X6	1	
	2-11	组合螺丝 M3X6	5	
	2-12	M4*10 螺丝	4	
	2-13	组合螺钉 M3X8	4	
	2-14	MC 螺钉 3X3	4	
	2-15	喇叭 speaker	1	
	2-16	机芯板 main board	1	

	2-17	按键帽 Key cap	1	
	2-18	IR 线 IR wire	1	
	2-19	DC 线 The DC cable	2	
	2-20	FFC 线 FFC line	2	
	2-21	按键 King Board	1	
	2-22	转接板 Aadpter Board	1	
	2-23	黑色遮光胶纸 Black masking tape	0.48m	
	2-24	HDMI 连接线 HDMI Cable	1	
	2-25	USB 端口信号连接线 USB Port Signal Cable	1	
	2-26	PCBA 小板 PCBA Small Board	1	
3	3-1	后壳 rear cabinet	1	
4	4-1	支架 support	1	
	4-2	底座 Base	1	

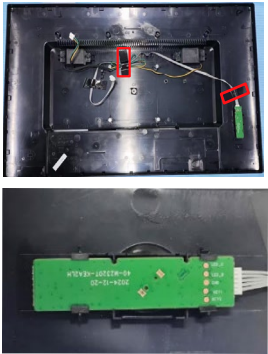
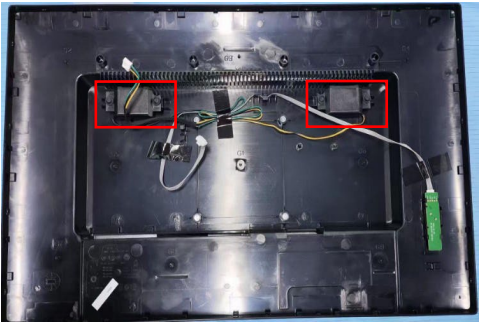
Table 2 Recycled characteristics

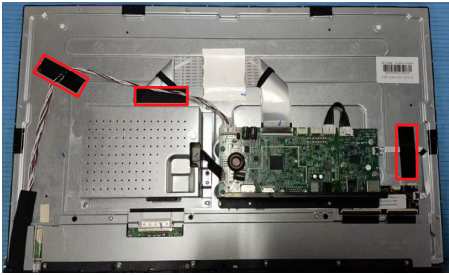
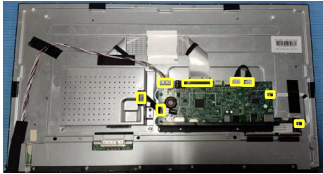
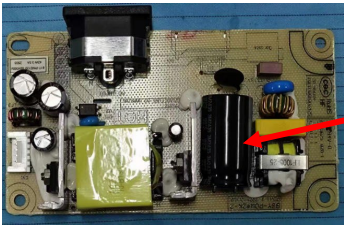
Recyclable characteristics	Part No.
Reuse	
Recycled	1-1~1-2, 1-16~1-17, 2-3, 2-9, 2-15~2-22, 2-26, 3-1, 4-1, 4-2
WEEE annex VII	1, 2-9, 2-16, 2-21~2-22, 2-24~2-25
Recovery	2-15~2-17, 2-21~2-22, 2-24~2-26, 3-4
Disposal	2-15, 2-17, 2-26

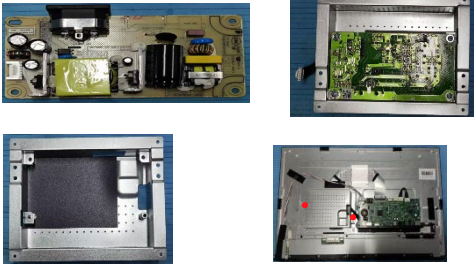
3, Disassembly Tools

Tool	picture
Screwdriver for M3 screw	
Screwdriver for M4 screw	

4, Disassembly process

item	picture	Operation	Tool	Notes
1		Remove the rear cover bottom screws → screw*1	Screw-driver	
2		Disassemble the key connector and horn wire	By hand	
3		Disassemble the key IR and black tapes → mylar tape 2pcs	By hand	
4		Disassemble Speaker	By hand	

item	picture	Operation	Tool	Notes
5		Disassemble the tapes → mylar tape 3pcs	By hand	
6		Disassemble all of cable (DC cable , FFC cable, touchpad cable, light strip cable)	By hand	
7		Disassemble main board and power board screws → screw*5	Screw-driver	
8				
item	picture	Operation	Tool	Notes

9		Remove the screws from the power board. → screw*2	Screw-driver	
11		Remove the tape and detach the shielding cover and lower front frame screws → screw*10 →mylar tape 1pcs	Screw-driver	
12		remove the touchpad	By hand	

Accessory cables

WEEE annex VII External cable



UK POWER CORD



EU POWER CORD



CABLE HDMI



CABL RS232

5, Disassembly Time

Total time: 10 minutes

6, Material Category

Table 3 Material Classification

Material Category	Weight(g)	Weight (%)
PCBA (<=10cm2)	2.4	0.05%
Plastic 塑料	822.4	15.66%
Metal 金属	2547.1	48.49%
Cable 电缆	456.2	8.69%
Glass 玻璃	0	0.00%
Rubber 橡胶	0	0.00%
Other 其他	0	0.00%
ANNEX VII-Panel 模组	779	14.82%
ANNEX VII-Others 附件	645.5	12.30%
Total 总	5252.6	100.00%

7, Assessment Table

Table 4 Recycled Characteristic

Characteristics of Product Recycling	Result
Reuse(A)	
Recyclable(B)	4355.5
Energy Recovery(C)	52.4
Disposal(D)	10.2
Product Weight (Annex VII excluded)(E)	4418.1
R1':Reuse & Recyclable Rate =(A+B) /E	98.58%
R2':Recovery Rate =(A+B+C) /E	99.77%

8, Summary

Table 5 Summary of the Assessment

Assessment specification	WEEE Directive 2012/19/EU		
WEEE Directive Product Category	IT and telecommunications equipment		
	WEEE requirement	Disassembly result	Judgment (Pass/Fail)
Reuse + Recycled Rate (%)	98.58%	OK	Pass
Recovery Rate (%)	99.77%	OK	Pass

Annex:**Hazards for particular dangerous substance**

The following substances, preparations, or components should be disposed of or recovered separately from WEEE in compliance with Article 4.

Annex VII Materials	Quantity	Remark
Capacitors/condensers (containing PCB/PCT)	0	No used
Mercury containing components	0	No used
Batteries	0	No used
Printed circuit boards (with a surface greater than 10 square cm)	4	Product has printed circuit boards (with a surface greater than 10 squarecm) They are Power Board,
Component contain toner, ink and liquids	0	No used
Plastic containing BFR	0	No used
Component and waste contain asbestos	0	No used
CRT	0	No used
Component contain CFC, HCFC, HFC and HC	0	No used
Gas discharge lamps	0	No used
LCD display > 100 cm ²	1	Product has an LCD greater than 100cm ²
External electric cable	4	Product has external cables They are HDMI cable....
Component contain refractory ceramic fibers	0	No used
Component contain radio-active substances	0	No used
Electrolyte capacitors (height>25mm, diameter > 25mm)	0	Product has electrolyte capacitors (height >25mm, diameter > 25mm)