

Quarterly Small OLED Display Market Track Sample

2Q, 2023

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1. Reference Guide

Application Covered

- Smartphone
- Foldable phone
- Watch

Substrate Covered

- Flexible OLED
- Rigid OLED

Nation Covered

- Korea
- China
- Taiwan
- Japan

Actual and Forecast

- Quarterly update
- History : 3-year, Forecast : 5-year

Unit

- Shipments : M pcs
- Revenue : US\$ millions
- Average Selling Price : US\$
- Display Area : (million m²)

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Small OLED Display Quarterly Market Track_PIVOT

- 2Q23 Data Tables

- [Quarterly Capacity](#)
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- [Supply & Demand for Smartphone](#)

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Data_Quarterly

- Contents
- > Glass Area
- > Quarterly Capacity_Glass Area (million m)

Nation	Company	Fab. Location	Gen	Backplane	1Q22	2Q22	3Q22	4Q22	1Q23	2Q23	3Q23	4Q23	1Q24	2Q24	3Q24	4Q24	1Q25	2Q25	3Q25	4Q25	1Q26	2Q26	3Q26	4Q26	1Q27	2Q27	3Q27	4Q27
Korea	Samsung Display	Cheonan A1	4	LTPS TFT																								
Korea	Samsung Display	Tangjeong A2	5.5	LTPS TFT																								
Korea	Samsung Display	Tangjeong A3	6	LTPS TFT																								
Korea	Samsung Display	Tangjeong A3	6	LTPO TFT																								
Korea	Samsung Display	Tangjeong A4	6	LTPS TFT																								
Korea	Samsung Display	Tangjeong A4	6	LTPO TFT																								
Korea	LG Display	Paju E6	6	LTPS TFT																								
Korea	LG Display	Paju E6	6	LTPO TFT																								
Korea	LG Display	Gumi E5	6	LTPS TFT																								
China	BOE	Mianyang B11	6	LTPS TFT																								
China	BOE	Mianyang B11	6	LTPO TFT																								
China	BOE	Chengdu B7	6	LTPS TFT																								
China	BOE	Chengdu B7	6	LTPO TFT																								
China	BOE	Ordos B6	5.5	LTPS TFT																								
China	BOE	Chongqing B12	6	LTPS TFT																								
China	BOE	Chongqing B12	6	LTPO TFT																								
China	CSOT	Wuhan T4	6	LTPS TFT																								
China	CSOT	Wuhan T4	6	LTPO TFT																								
China	Everdisplay	Shanghai	4.5	LTPS TFT																								
China	Everdisplay	Shanghai	6	LTPS TFT																								
China	Royole	Shenzhen	5.5	LTPS TFT																								
China	Tianma	Shanghai	5.5	LTPS TFT																								
China	Tianma	Wuhan	6	LTPS TFT																								
China	Tianma	Xiamen	6	LTPO TFT																								
China	Truly	Huizhou	4	LTPS TFT																								
China	Truly	Renshou	6	LTPS TFT																								
China	Visionox	Guan V2	6	LTPS TFT																								
China	Visionox	Hefei V3	6	LTPS TFT																								
China	Visionox	Hefei V3	6	LTPO TFT																								
China	Visionox	Kunshan V1	5.5	LTPS TFT																								
Japan	Japan Display	Mobara	6	LTPS TFT																								
Japan	Sharp	Sakai	4.5	LTPS TFT																								
Taiwan	AUO	Linkou	3.25	LTPS TFT																								

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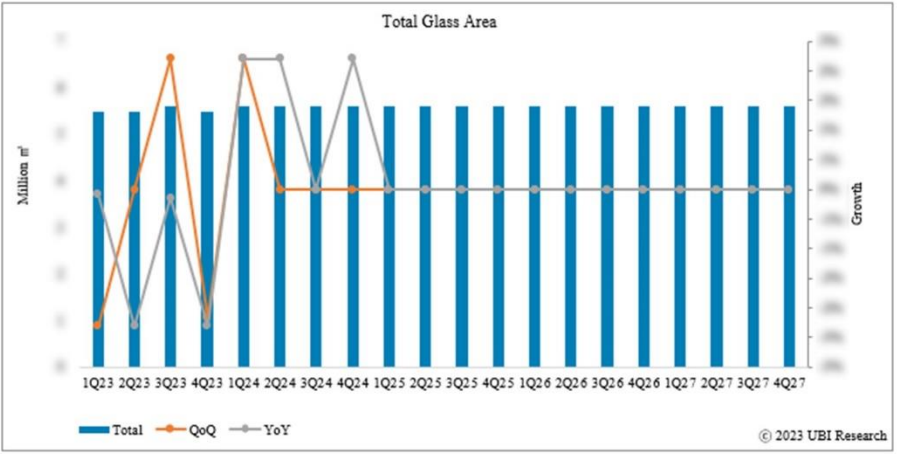


Capacity Chart_Quarterly

- Contents
- > Total Glass Area
- > Glass Area by Company and Ratio
- > Glass Area by TFT Technology and ratio
- > Glass Area by Generation and Ratio
- > Glass Area by Substrate and Ratio
- > Glass Area by Nation and Ratio

> Total Glass Area (million m²)

Item	1Q23	2Q23	3Q23	4Q23	1Q24	2Q24	3Q24	4Q24	1Q25	2Q25	3Q25	4Q25	1Q26	2Q26	3Q26	4Q26	1Q27	2Q27	3Q27	4Q27	
Total																					
QoQ																					
YoY																					



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Quarterly Shipment Performance

- Contents
> Pivot of quarterly shipment performance (Mpcs)

Nation (All) [v]
 Substrate (All) [v]
 Size (All) [v]

		Mpcs																					
Application	Company	1Q18	2Q18	3Q18	4Q18	1Q19	2Q19	3Q19	4Q19	1Q20	2Q20	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21	1Q22	2Q22	3Q22	4Q22	1Q23	
Smart Phone	LG Display	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000
	Samsung Display	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000
	AUO	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000
	BOE	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000
	CSOT	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000
	Tianma	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000
	Truly	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000
Watch	EverDisplay	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000
	LG Display	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000
	Samsung Display	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000
	JDI	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000
	AUO	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000
	BOE	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000
	Tianma	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000
Foldable Phone	Samsung Display	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000
	BOE	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000
	CSOT	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000
	Visionox	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000
Game	Samsung Display	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000
Total		11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000

Quarterly Revenue Performance

- Contents
> Pivot of quarterly revenue performance (US\$ million)

Nation (All) [v]
 Substrate (All) [v]
 Size (All) [v]

		US\$ million			
Application	Company	1Q18	2Q18	3Q18	4Q18
Smart Phone	LG Display	11,000	11,000	11,000	11,000
	Samsung Display	11,000	11,000	11,000	11,000
	AUO	11,000	11,000	11,000	11,000
	BOE	11,000	11,000	11,000	11,000
	CSOT	11,000	11,000	11,000	11,000
	Tianma	11,000	11,000	11,000	11,000
	Truly	11,000	11,000	11,000	11,000
Watch	EverDisplay	11,000	11,000	11,000	11,000
	LG Display	11,000	11,000	11,000	11,000
	Samsung Display	11,000	11,000	11,000	11,000
	JDI	11,000	11,000	11,000	11,000
	AUO	11,000	11,000	11,000	11,000
	BOE	11,000	11,000	11,000	11,000
	Tianma	11,000	11,000	11,000	11,000
Foldable Phone	Samsung Display	11,000	11,000	11,000	11,000
	BOE	11,000	11,000	11,000	11,000
	CSOT	11,000	11,000	11,000	11,000
	Visionox	11,000	11,000	11,000	11,000
Game	Samsung Display	11,000	11,000	11,000	11,000
Total		11,000	11,000	11,000	11,000

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Yearly Forecast Shipment

- Contents
> Pivot of forecast shipment (M pcs)

Nation (All) Substrate (All)

Company	Application	M pcs				
		2023	2024	2025	2026	2027
⊖ AUO	Watch	67	67	67	67	67
	Smartphone	-	-	-	-	-
⊖ BOE	Watch	202	202	202	202	202
	Smartphone	202	202	202	202	202
	Foldable phon	10	10	10	10	10
⊖ CSOT	Smartphone	202	202	202	202	202
	Foldable phon	10	10	10	10	10
⊖ EverDisplay	Watch	202	202	202	202	202
	Smartphone	202	202	202	202	202
⊖ JDI	Watch	10	10	10	10	10
⊖ LG Display	Watch	202	202	202	202	202
	Smartphone	202	202	202	202	202
⊖ Samsung Display	Watch	202	202	202	202	202
	Smartphone	202	202	202	202	202
	Game	10	10	10	10	10
	Foldable phon	202	202	202	202	202
⊖ Tianma	Watch	202	202	202	202	202
	Smartphone	202	202	202	202	202
⊖ Visionox	Watch	10	10	10	10	10
	Smartphone	202	202	202	202	202
	Foldable phon	10	10	10	10	10
Total		202	202	202	202	202

Yearly Forecast Revenue

- Contents
> Pivot of forecast revenue (US\$ million)

Nation (All) Substrate (All)

Company	Application	US\$ Million				
		2023	2024	2025	2026	2027
⊖ AUO	Watch	67	67	67	67	67
	Smartphone	-	-	-	-	-
⊖ BOE	Watch	202	202	202	202	202
	Smartphone	202	202	202	202	202
	Foldable phon	10	10	10	10	10
⊖ CSOT	Smartphone	202	202	202	202	202
	Foldable phon	10	10	10	10	10
⊖ EverDisplay	Watch	202	202	202	202	202
	Smartphone	202	202	202	202	202
⊖ JDI	Watch	10	10	10	10	10
⊖ LG Display	Watch	202	202	202	202	202
	Smartphone	202	202	202	202	202
⊖ Samsung Display	Watch	202	202	202	202	202
	Smartphone	202	202	202	202	202
	Game	10	10	10	10	10
	Foldable phon	202	202	202	202	202
⊖ Tianma	Watch	202	202	202	202	202
	Smartphone	202	202	202	202	202
⊖ Visionox	Watch	10	10	10	10	10
	Smartphone	202	202	202	202	202
	Foldable phon	10	10	10	10	10
Total		202	202	202	202	202



Chief Analyst
Dr. Choonghoon YI