

2022 Small OLED Display Market Track

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Small OLED Display Market Track

This Market Track provides the OLED production capacity status, which is very important to all companies across the industry for small OLED displays of 10 inches or less, as well as shipments and sales performance by major panel makers and applications.

In addition, detailed quarterly shipments, sales performance, ASP and OLED demand/supply analysis by application, and market forecast analysis data for the next five years are also provided for major product lines such as Watch, Smartphone, Foldable Phone and Tablet.

- Quarterly Capacity
- Quarterly Capacity_Glass Area
- Quarterly Capacity_Glass Area Chart
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- PIVOT_Quarterly ASP Trend
- PIVOT_Forecast
- Supply & Demand for Smartphone

Small OLED Display Market Track

Data_Quarterly

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> Capa/month

> Capa/month

Nation	Company	Fab. Location	Gen	Backplane	Status	Line Status					Possibility	1Q20	2Q20	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21	1Q22
						PO	Install	PP	MP	RU										
Korea	Samsung Display	Cheonan A1	4	LTPS TFT	stopped	-	-	-	3Q15	-	100%									
Korea	Samsung Display	Cheonan A1	4	LTPS TFT	stopped	2Q08	1Q09	2Q09	3Q09	-	100%									
Korea	Samsung Display	Cheonan A1	4	LTPS TFT	stopped	2Q09	1Q10	2Q10	3Q10	-	100%									
Korea	Samsung Display	Cheonan A1	4	LTPS TFT	stopped	3Q05	2Q06	3Q06	3Q07	-	100%									
Korea	Samsung Display	Cheonan A1	4	LTPS TFT	stopped	4Q10	3Q11	4Q11	1Q12	-	100%									
Korea	Samsung Display	Tangjeong A2	6	LTPS TFT	MP	2Q11	1Q12	2Q12	3Q12	-	100%									
Korea	Samsung Display	Tangjeong A2	6	LTPS TFT	MP	2Q11	1Q12	2Q12	4Q12	-	100%									
Korea	Samsung Display	Tangjeong A2	6	LTPS TFT	MP	2Q17	1Q18	2Q18	3Q18	-	100%									
Korea	Samsung Display	Tangjeong A2	6	LTPS TFT	MP	3Q10	2Q11	3Q11	1Q12	-	100%									
Korea	Samsung Display	Tangjeong A2	6	LTPS TFT	MP	3Q10	2Q11	3Q11	4Q11	-	100%									
Korea	Samsung Display	Tangjeong A2	6	LTPS TFT	MP	4Q12	3Q13	4Q13	3Q14	-	100%									
Korea	Samsung Display	Tangjeong A2	6	LTPS TFT	stopped	3Q16	2Q17	3Q17	4Q17	-	100%									
Korea	Samsung Display	Tangjeong A3	6	LTPS TFT	dismantled	3Q16	2Q17	3Q17	4Q17	-	100%									
Korea	Samsung Display	Tangjeong A3	6	LTPS TFT	MP	1Q14	4Q14	1Q15	2Q15	-	100%									
Korea	Samsung Display	Tangjeong A3	6	LTPS TFT	MP	1Q16	4Q16	1Q17	2Q17	-	100%									
Korea	Samsung Display	Tangjeong A3	6	LTPS TFT	MP	2Q16	1Q17	2Q17	3Q17	-	100%									
Korea	Samsung Display	Tangjeong A3	6	LTPS TFT	MP	4Q15	3Q16	4Q16	1Q17	-	100%									
Korea	Samsung Display	Tangjeong A3	6	LTPS TFT	Expect	1Q22	3Q22	4Q22	1Q23	-	50%									
Korea	Samsung Display	Tangjeong A3	6	LTPS TFT	MP	-	-	-	-	1Q21	100%									
Korea	Samsung Display	Tangjeong A3	6	LTPS TFT	MP	-	-	-	-	2Q21	100%									
Korea	Samsung Display	Tangjeong A3	6	LTPS TFT	MP	-	-	-	-	3Q21	100%									
Korea	Samsung Display	Tangjeong A3	6	LTPS TFT	MP	-	-	-	-	4Q20	100%									
Korea	Samsung Display	Tangjeong A3	6	LTPS TFT	MP	-	-	-	-	1Q22	100%									
Korea	Samsung Display	Tangjeong A3	6	LTPS TFT	PO	1Q21	4Q21	2Q22	3Q22	-	70%									
Korea	Samsung Display	Tangjeong A4	6	LTPS TFT	MP	1Q17	4Q17	1Q18	2Q18	-	100%									
Korea	Samsung Display	Tangjeong A4	6	LTPS TFT	MP	4Q16	3Q17	4Q17	1Q18	-	100%									
Korea	LG Display	Gumi E5	6	LTPS TFT	MP	3Q16	2Q17	3Q17	4Q17	-	100%									
Korea	LG Display	Paju E2	4	LTPS TFT	stopped	4Q14	3Q15	4Q15	1Q16	-	100%									
Korea	LG Display	Paju E6	6	LTPS TFT	MP	2Q17	1Q18	2Q18	4Q18	-	100%									

Main

Quarterly_Capacity

Quarterly_Glass Area

Quarterly_Glass Area Chart

PIVOT_Quarterly_Performance

PIVOT_Quarterly_ASP

PIVOT_Forecast

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■ Data_Quarterly

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> Glass Area

> Quarterly Capacity_Glass Area

Nation	Company	Fab. Location	Gen	Backplane	1Q20	2Q20	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21	1Q22	2Q22	3Q22	4Q22	1Q23	2Q23	3Q23	4Q23
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	LG Display	Paju E2	4	LTPS 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	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	LTPS 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	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																

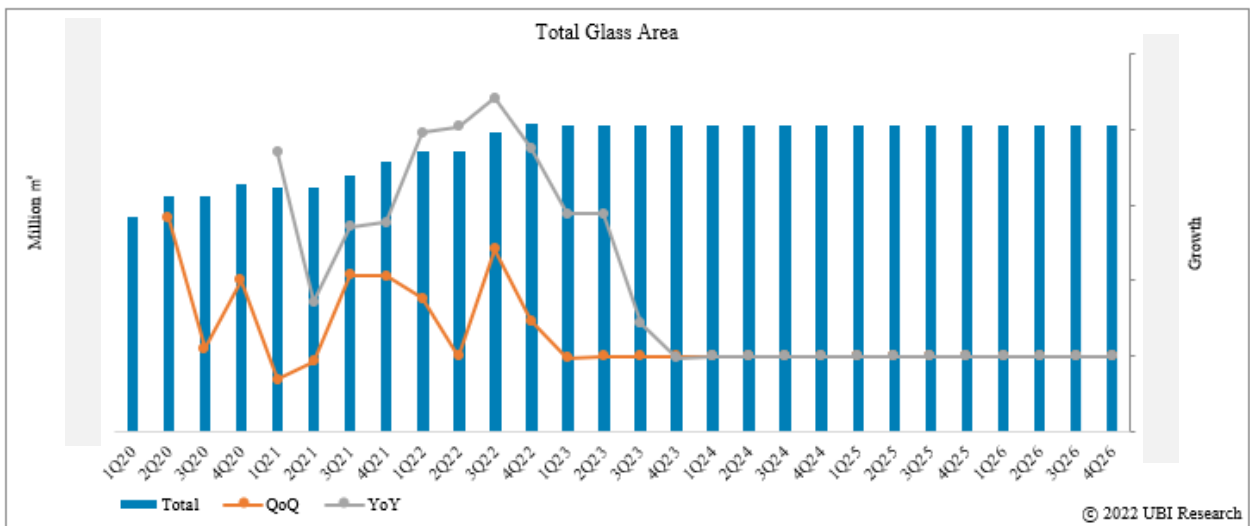
■ Capacity Chart_Quarterly

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- > 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

Item	1Q20	2Q20	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21	1Q22	2Q22	3Q22	4Q22	1Q23	2Q23	3Q23	4Q23	1Q24	2Q24	3Q24	4Q24	1Q25	2Q25	3Q25	4Q25	1Q26
Total																									
QoQ																									
YoY																									



Quarterly Shipment Performance




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> Pivot of quarterly shipment performance (Mpcs)

Nation (All)
 Substrate (All)
 Size (All)

Application	Company	Mpcs				1Q19	2Q19	3Q19	4Q19	1Q20	2Q20	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21
		1Q18	2Q18	3Q18	4Q18												
Smart Phone	LG Display	0.89	0.90	1.80	4.20												
	Samsung Display	87.44	91.75	106.84	86.29												
	AUO																
	BOE	0.10	0.22	3.00	3.60												
	CSOT																
	Tianma	0.19	-	-	-												
	Truly	0.60	-	-	-												
	Visionox	1.51	4.30	4.70	4.70												
	EverDisplay	0.91	1.20	1.20	1.35												
Watch	LG Display	1.40	1.80	4.20	9.00												
	Samsung Display	0.93	1.23	2.01	2.90												
	JDI																
	AUO	1.30	1.30	1.50	1.80												
	BOE	0.40	0.40	0.40	0.52												
	Tianma																
	Visionox	0.15	0.15	0.15	0.16												
	EverDisplay	2.00	2.00	2.00	2.12												
Foldable Phone	Samsung Display																
	BOE																

> Pivot of quarterly ASP (US\$)

Nation	(All)	
Substrate	(All)	
Size	(All)	

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Yearly Forecast Shipment

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> Pivot of forecast shipment (Mpcs)

Nation (All)
Substrate (All)

		M pcs				
Company	Application	2022	2023	2024	2025	2026
▢ AUO	Watch					
▢ BOE	Foldable Phone					
	Smart Phone					
	Watch					
▢ CSOT	Smart Phone					
▢ EDO	Smart Phone					
	Watch					
▢ JDI	Watch					
▢ LG Display	Smart Phone					
	Watch					
▢ Samsung Display	Foldable Phone					
	Smart Phone					
	Watch					
▢ Tianma	Smart Phone					
	Watch					
▢ Visionox	Foldable Phone					
	Smart Phone					
	Watch					
Total						

Yearly Forecast Revenue

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> Pivot of forecast revenue (US\$ million)

Nation (All)
Substrate (All)

		US\$ million				
Company	Application	2022	2023	2024	2025	2026
▢ AUO	Watch					
▢ BOE	Foldable Phone					
	Smart Phone					
	Watch					
▢ CSOT	Smart Phone					
▢ EDO	Smart Phone					
	Watch					
▢ JDI	Watch					
▢ LG Display	Smart Phone					
	Watch					
▢ Samsung Display	Foldable Phone					
	Smart Phone					
	Watch					
▢ Tianma	Smart Phone					
	Watch					
▢ Visionox	Foldable Phone					
	Smart Phone					
	Watch					
Total						

■ Quarterly Supply and Demand Analysis

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> Supply and Demand Analysis for Smartphone

> Supply and Demand Analysis for Smartphone

(M pcs)

	4Q21	1Q22	2Q22	3Q22	4Q22	1Q23	2Q23	3Q23	4Q23	1Q24	2Q24	3Q24	4Q24	1Q25	2Q25	3Q25	4Q25	1Q26	2Q26	3Q26	4Q26
Supply																					
Demand																					
Glut																					

