

Quarterly Small OLED Display Market Track Sample

3Q, 2022

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- 6. Market Forecast**

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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Comments

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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z AA AB AC AD



Small OLED Display Quarterly Market Track_PIVOT
- 3Q22 Data Tables

- [Quarterly Capacity](#)
- [Quarterly Capacity Glass Area](#)
- [Quarterly Capacity Glass Area Chart](#)
- [PIVOT Quarterly Performance](#)
- [PIVOT Quarterly ASP Trend](#)
- [PIVOT Forecast](#)
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Data_Quarterly

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

	Nation	Company	Fab. Location	Gen	Backplane	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	2Q26	3Q26	4Q26		
12	Korea	Samsung Display	Cheonan A1	4	LTIPS TFT																														
14	Korea	Samsung Display	Tangjeong A2	5.5	LTIPS TFT																														
15	Korea	Samsung Display	Tangjeong A3	6	LTIPS TFT																														
16	Korea	Samsung Display	Tangjeong A3	6	LTPO TFT																														
17	Korea	Samsung Display	Tangjeong A4	6	LTIPS TFT																														
18	Korea	LG Display	Paju E2	4	LTIPS TFT																														
19	Korea	LG Display	Paju E6	6	LTIPS TFT																														
20	Korea	LG Display	Paju E6	6	LTPO TFT																														
21	Korea	LG Display	Gumi E5	6	LTIPS TFT																														
22	China	BOE	Mianyang B11	6	LTIPS TFT																														
23	China	BOE	Mianyang B11	6	LTPO TFT																														
24	China	BOE	Chengdu B7	6	LTIPS TFT																														
25	China	BOE	Chengdu B7	6	LTPO TFT																														
26	China	BOE	Ordos B6	5.5	LTIPS TFT																														
27	China	BOE	Chongqing B12	6	LTIPS TFT																														
28	China	BOE	Chongqing B12	6	LTPO TFT																														
29	China	CSOT	Wuhan T4	6	LTIPS TFT																														
30	China	CSOT	Wuhan T4	6	LTPO TFT																														
31	China	Everdisplay	Shanghai	4.5	LTIPS TFT																														
32	China	Everdisplay	Shanghai	6	LTIPS TFT																														
33	China	Royole	Shenzhen	5.5	LTIPS TFT																														
34	China	Tianma	Shanghai	5.5	LTIPS TFT																														
35	China	Tianma	Wuhan	6	LTIPS TFT																														
36	China	Tianma	Xiamen	6	LTPO TFT																														
37	China	Truly	Huizhou	4	LTIPS TFT																														
38	China	Truly	Renshou	6	LTIPS TFT																														
39	China	Visionox	Guan V2	6	LTIPS TFT																														
40	China	Visionox	Hefei V3	6	LTIPS TFT																														
41	China	Visionox	Hefei V3	6	LTPO TFT																														
42	China	Visionox	Kunshan V1	5.5	LTIPS TFT																														
43	Japan	Japan Display	Mobara	6	LTIPS TFT																														
44	Japan	Sharp	Sakai	4.5	LTIPS TFT																														

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Quarterly Shipment Performance

- Contents
> Pivot of quarterly shipment performance (Mpcs)

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

Application	Company	Mpcs																		
		1Q18	2Q18	3Q18	4Q18	1Q19	2Q19	3Q19	4Q19	1Q20	2Q20	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21	1Q22	2Q22	
Smart Phone	LG Display	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000
	Samsung Display	67,000	75,750	100,000	86,250	76,250	76,250	120,000	120,000	85,250	67,750	76,250	120,000	120,000	105,000	127,000	120,000	105,750	86,000	86,000
	AUO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	BOE	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000
	CSOT	-	-	-	-	-	-	-	-	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000
	Tianma	6,000	-	-	-	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000
	Truly	6,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Visionox	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000
	EverDisplay	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000
	Watch	LG Display	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000
Samsung Display		6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000
JDI		-	-	-	-	-	-	-	-	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000
AUO		6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000
BOE		6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000
Tianma		-	-	-	-	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000
Foldable Phone	Samsung Display	-	-	-	-	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000
	BOE	-	-	-	-	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000
	Visionox	-	-	-	-	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000
	EverDisplay	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000
Total		100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000

Quarterly Revenue Performance

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

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

Application	Company	US\$ million			
		1Q18	2Q18	3Q18	4Q18
Smart Phone	LG Display	80.0	80.0	80.0	80.0
	Samsung Display	1,000.7	1,000.0	6,000.0	6,000.0
	AUO	-	-	-	-
	BOE	7.0	80.0	100.0	100.0
	CSOT	-	-	-	-
	Tianma	7.0	-	-	-
	Truly	27.0	-	-	-
	Visionox	80.0	100.7	100.0	100.0
	EverDisplay	80.0	80.0	80.0	80.0
	Watch	LG Display	70.0	70.0	100.0
Samsung Display		80.7	80.0	100.0	100.0
JDI		-	-	-	-
AUO		80.0	80.0	80.0	80.0
BOE		8.0	8.0	8.0	8.0
Tianma		-	-	-	-
Foldable Phone	Samsung Display	-	-	-	-
	BOE	-	-	-	-
	Visionox	7.0	7.0	7.0	7.0
	EverDisplay	80.0	80.0	80.0	80.0
Total		1,000.0	1,000.0	1,000.0	1,000.0

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Yearly Forecast Shipment

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> Pivot of forecast shipment (Mpcs)

Nation (All) Substrate (All)

Company	Application	M pcs	2022	2023	2024	2025	2026	2027
AUO	Watch		5.8	5.8	5.8	5.8	5.8	5.8
BOE	Foldable Phone		5.5	6.0	6.5	7.0	7.5	8.0
	Smart Phone		75.2	86.2	96.9	107.2	118.2	128.8
	Watch		27.8	28.0	28.0	28.0	28.0	28.0
CSOT	Foldable Phone		5.2	5.5	5.8	6.2	6.5	6.8
	Smart Phone		22.4	26.4	31.2	36.0	40.8	45.6
EDO	Smart Phone		28.4	32.4	36.4	40.4	44.4	48.4
	Watch		22.8	23.0	23.0	23.0	23.0	23.0
JDI	Watch		7.0	7.0	7.0	7.0	7.0	7.0
LG Display	Smart Phone		25.0	29.0	33.0	37.0	41.0	45.0
	Watch		26.2	26.2	26.2	26.2	26.2	26.2
Samsung Display	Foldable Phone		22.8	26.2	29.6	33.0	36.4	39.8
	Smart Phone		207.2	236.4	265.6	294.8	324.0	353.2
	Watch		28.2	28.2	28.2	28.2	28.2	28.2
Tianma	Smart Phone		28.8	32.8	36.8	40.8	44.8	48.8
	Watch		5.2	5.2	5.2	5.2	5.2	5.2
Visionox	Foldable Phone		5.8	6.0	6.2	6.4	6.6	6.8
	Smart Phone		26.2	30.2	34.2	38.2	42.2	46.2
	Watch		12.4	12.4	12.4	12.4	12.4	12.4
Grand Total			328.8	386.4	444.0	501.6	559.2	616.8

Yearly Forecast Revenue

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> Pivot of forecast revenue (US\$ million)

Nation (All) Substrate (All)

Company	Application	US\$ million	2022	2023	2024	2025	2026	2027
AUO	Watch							
BOE	Foldable Phone							
	Smart Phone							
	Watch							
CSOT	Foldable Phone							
	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							
Grand Total								

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Main

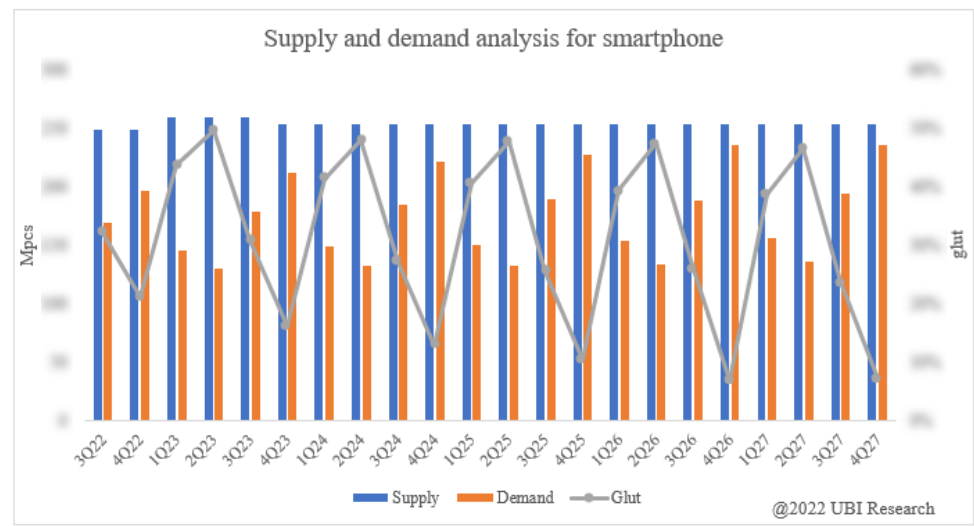
Quarterly Supply and Demand Analysis

- Contents
- > Supply and Demand Analysis for Smartphone

> Supply and Demand Analysis for Smartphone

(M pcs)

	3Q22	4Q22	1Q23	2Q23	3Q23	4Q23	1Q24	2Q24	3Q24	4Q24	1Q25	2Q25	3Q25	4Q25	1Q26	2Q26	3Q26	4Q26	1Q27	2Q27	3Q27	4Q27		
Supply																								
Demand																								
Glut																								





Chief Analyst
Dr. Choong Hoon YI