

# Quarterly Medium & Large OLED Display Market Track Sample

**3Q, 2022**

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- 2. Quarterly Issue**
- 3. Total Performance Summary**
- 4. Quarterly Performance by Company**
- 5. Quarterly Performance by Application**
- 6. Market Forecast**

# 1. Reference Guide

## Application Covered

- Automotive
- Notebook
- Monitor
- Tablet PC
- TV
- Etc.

## 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 m<sup>2</sup>)

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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



**Medium & Large OLED Display Quarterly Market Track**  
- 3Q22 Data Tables

- [Quarterly Capacity](#)
- [Quarterly Capacity Glass Area](#)
- [Quarterly Capacity Glass Area Chart](#)
- [PIVOT Quarterly Performance](#)
- [PIVOT Quarterly ASP Trend](#)
- [PIVOT Forecast](#)
- [Supply & Demand for TV](#)

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**Data\_Quarterly**

- Contents
- > Capa/month

> Capa/month

	Nation	Company	Fab. Location	Gen	Backplane	OLED Method	Status	Line Status					Possibility	1Q20	2Q20	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21	1Q22	2Q22	3Q22	4Q22	1Q23	2Q23	3Q23	4Q23	1Q24
								PO	Install	PP	MP	RU																		
13	Korea	Samsung Display	Tangjeong A2	5.5	LTPS TFT	RGB OLED	MP	2Q11	1Q12	2Q12	4Q12	-																		
14	Korea	Samsung Display	Tangjeong A2	5.5	LTPS TFT	RGB OLED	MP	4Q12	3Q13	4Q13	3Q14	-																		
15	Korea	Samsung Display	Tangjeong A3	6	LTPO TFT	RGB tandem OLED	Expect	-	-	-	-	4Q23																		
16	Korea	Samsung Display	Tangjeong IT	8.5	Oxide TFT	RGB tandem OLED	Expect	4Q22	4Q23	1Q24	2Q24	-																		
17	Korea	Samsung Display	Tangjeong Q1	8.5	Oxide TFT	QD OLED	MP	1Q20	3Q20	4Q20	4Q21	-																		
18	Korea	LG Display	Paju E3	8.5	Oxide TFT	WRGB OLED	MP	4Q10	3Q11	1Q12	1Q13	1Q18																		
19	Korea	LG Display	Paju E4	8.5	Oxide TFT	WRGB OLED	MP	2Q13	1Q14	2Q14	3Q14	3Q20																		
20	Korea	LG Display	Paju E4	8.5	Oxide TFT	WRGB OLED	MP	4Q15	3Q16	4Q16	1Q17	3Q20																		
21	Korea	LG Display	Gumi E5	6	LTPS TFT	RGB OLED	MP	1Q16	4Q16	1Q17	3Q17	-																		
22	Korea	LG Display	Paju E6	6	LTPO TFT	RGB tandem OLED	PO	4Q21	3Q22	1Q23	4Q23	-																		
23	Korea	LG Display	Paju P7	7.5	Oxide TFT	WRGB OLED	Expect	2Q23	3Q23	4Q23	1Q24	-																		
24	Korea	LG Display	Gangzhou 1	8.5	Oxide TFT	WRGB OLED	MP	1Q18	4Q18	1Q19	3Q20	3Q21																		
25	Korea	LG Display	Gangzhou 2	8.5	Oxide TFT	WRGB OLED	MP	3Q18	2Q19	3Q19	3Q20	3Q21																		
26	China	BOE	Chongqing B12	6	LTPS TFT	RGB tandem OLED	PO	3Q21	2Q22	4Q22	1Q25	-																		
27	China	BOE	Hefei	8.5	Oxide TFT	WRGB OLED	PP	4Q12	4Q13	2Q14	-	-																		
28	Japan	JOLED	Ishikawa	4.5	LTPS TFT	SoI OLED	stopped	1Q16	4Q16	1Q17	1Q18	-																		
29	Japan	JOLED	Ishikawa	6	LTPS TFT	SoI OLED	MP	2Q19	1Q20	2Q20	2Q21	-																		

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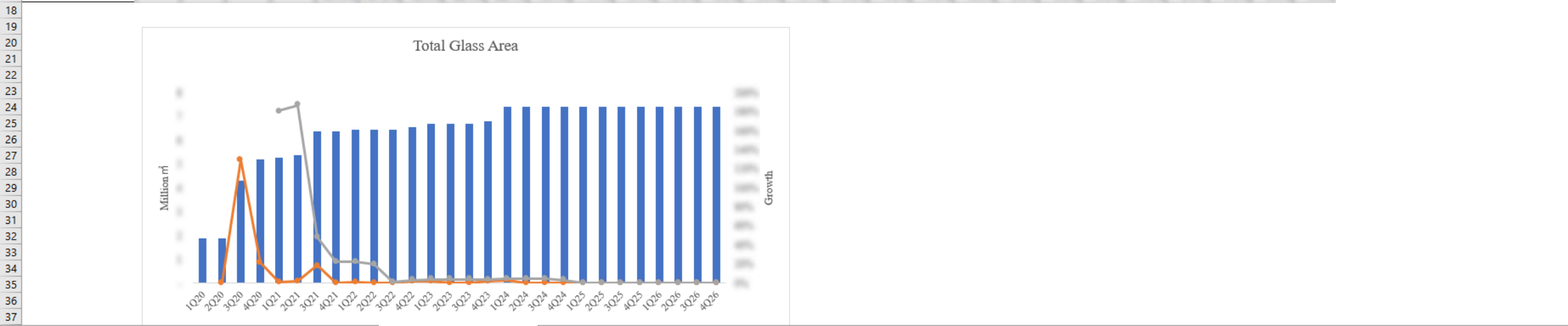
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- Capacity Chart\_Quarterly
- Contents
- > Total Glass Area
- > Glass Area by Company and Ratio
- > Glass Area by Generation and Ratio
- > Glass Area by Application and Ratio

> Total Glass Area (million m<sup>2</sup>)

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	2Q26	3Q26	4Q26		
Total																														
QoQ																														
YoY																														



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## Quarterly ASP Trend

- Contents  
> Pivot of quarterly ASP (US\$)

Nation	(All)	
Substrate	(All)	

Application	Size	US\$																												
		1Q18	2Q18	3Q18	4Q18	1Q19	2Q19	3Q19	4Q19	1Q20	2Q20	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21	1Q22	2Q22											
Automotive		25.0								280.0	280.0	280.0	280.0	280.0	280.0	280.0	280.0	280.0	280.0	280.0	280.0									
etc		20	40.0	40.0	40.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0								
Monitor		25.0	270.0	270.0	270.0	270.0	270.0	270.0	270.0	270.0	270.0	270.0	270.0	270.0	270.0	270.0	270.0	270.0	270.0	270.0	270.0	270.0								
		20	270.0	270.0	270.0	270.0																400.0	400.0	400.0						
NB		20								120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0								
Tablet		20.0	97.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
TV		20								400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0								
		20	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0
		20	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0
		20	2,000.0	2,000.0	2,000.0	2,000.0	2,000.0	2,000.0	2,000.0	2,000.0	2,000.0	2,000.0	2,000.0	2,000.0	2,000.0	2,000.0	2,000.0	2,000.0	2,000.0	2,000.0	2,000.0	2,000.0	2,000.0	2,000.0	2,000.0	2,000.0	2,000.0	2,000.0	2,000.0	2,000.0

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**Yearly Forecast Shipment**

- Contents  
> Pivot of forecast shipment (Mpcs)

Nation (All) Substrate (All)

		M pcs					
Company	Application	2022	2023	2024	2025	2026	2027
JOLED	Monitor						
LG Display	Automotive						
	Tablet						
	TV						
Samsung Display	etc						
	Monitor						
	Notebook						
	Tablet						
	TV						
<b>Total</b>							

**Yearly Forecast Revenue**

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

Nation (모두) Substrate (모두)

		US\$ million					
Company	Application	2022	2023	2024	2025	2026	2027
JOLED	Monitor						
LG Display	Automotive						
	Tablet						
	TV						
Samsung Display	etc						
	Monitor						
	Notebook						
	Tablet						
	TV						
<b>Total</b>							



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Main

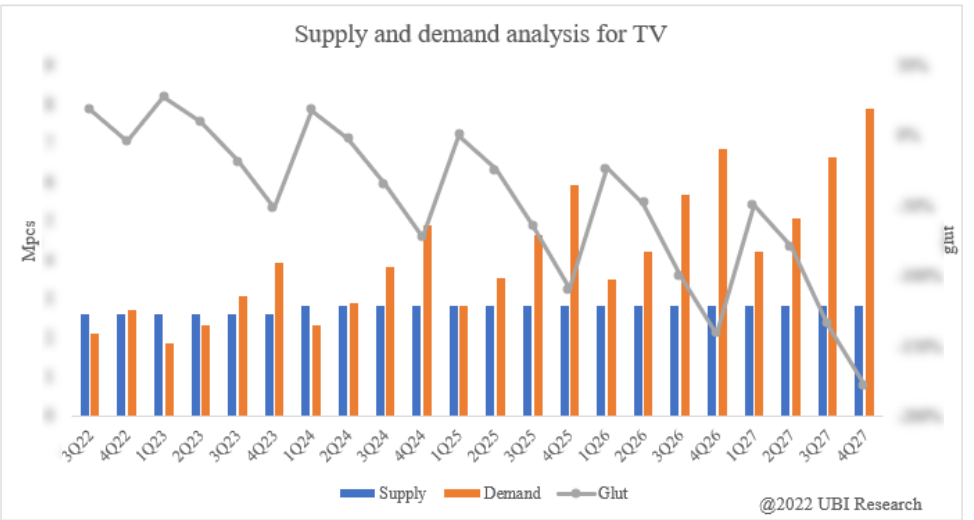
### Quarterly Supply and Demand Analysis

- Contents
- > Supply and Demand Analysis for TV

#### > Supply and Demand Analysis for TV

(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																							





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**Dr. Choong Hoon YI**