



DJN 帝晶光电

**DJN OPTRONICS
GROUP**

Agenda

DJN Overview

Product Roadmap

Q&A

part

1

Group introduction

- ◆ Subsidiaries Profile
- ◆ Milestones
- ◆ Business Performance
- ◆ Accreditation



Shenzhen Dijing Optoelectronics Technology Co., Ltd.

- Location: Guangdong · Shenzhen
- Main Business: R&D, Project Management and Sales Team where is the headquarter

Hong Kong Dijing Optoelectronics Technology Co., Ltd

- Hong Kong · Taiwan
- Main Business: Overseas Commerce Department, Project Department

**More than
20
Years
Extensive
Experience**

**5
Subsidiaries**

**US\$188
million
assets**

**10,000+
Employees**



Anhui DJN Optoelectronics Technology Co., Ltd.

- Location: Anhui · Bengbu
- Main business: Smart Phone Displays, Tablet and Laptop Displays, EPD. Mainly focus on consumer products

Ganzhou DJN Optoelectronics Technology Co., Ltd.

- Location: Jiangxi · Ganzhou
- Main Business: Touch Screen, Etching, Coating (ITO/ATO), Anti Glare

Jiangmen DJN Optoelectronics Technology Co., Ltd.

- Location: Guangdong · Jiangmen
- Main Business: Wearable Displays, VR / MR Displays, Industrial, Automotive Application Display, Smart Display Module



Mobile Display



Tablet Display



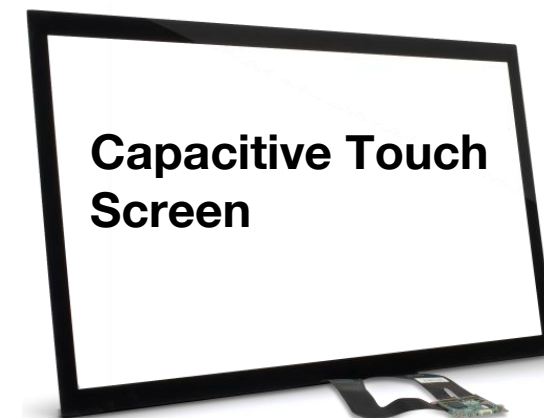
Laptop



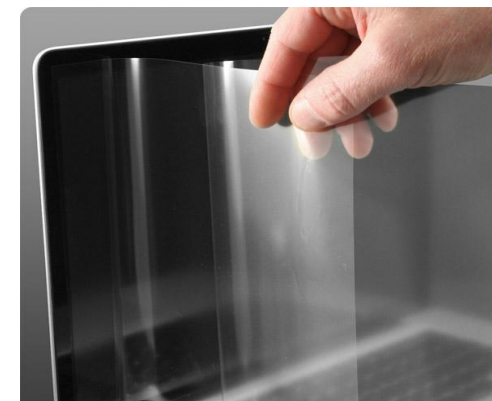
EPD



Product Type	Tablet, Laptop (~17.3")	EPD	Smart Phone
Production Capacity / Month	3.6KK	4.5KK	6KK



**Anti
Glare**



Product Type	Etching	Coating	AG	Capacitive Touch Screen
Production Capacity / Month	180K standard sheets (G6 1/4)	ITO: 180K ATO: 40K Antimony Tin Oxide (ATO) Indium Tin Oxide (ITO)	1KK m2(Year) 780mm*420mm	2KK (Mobile) 500K (Medium Size)



**Wearable
Display**

**Car
Screen**



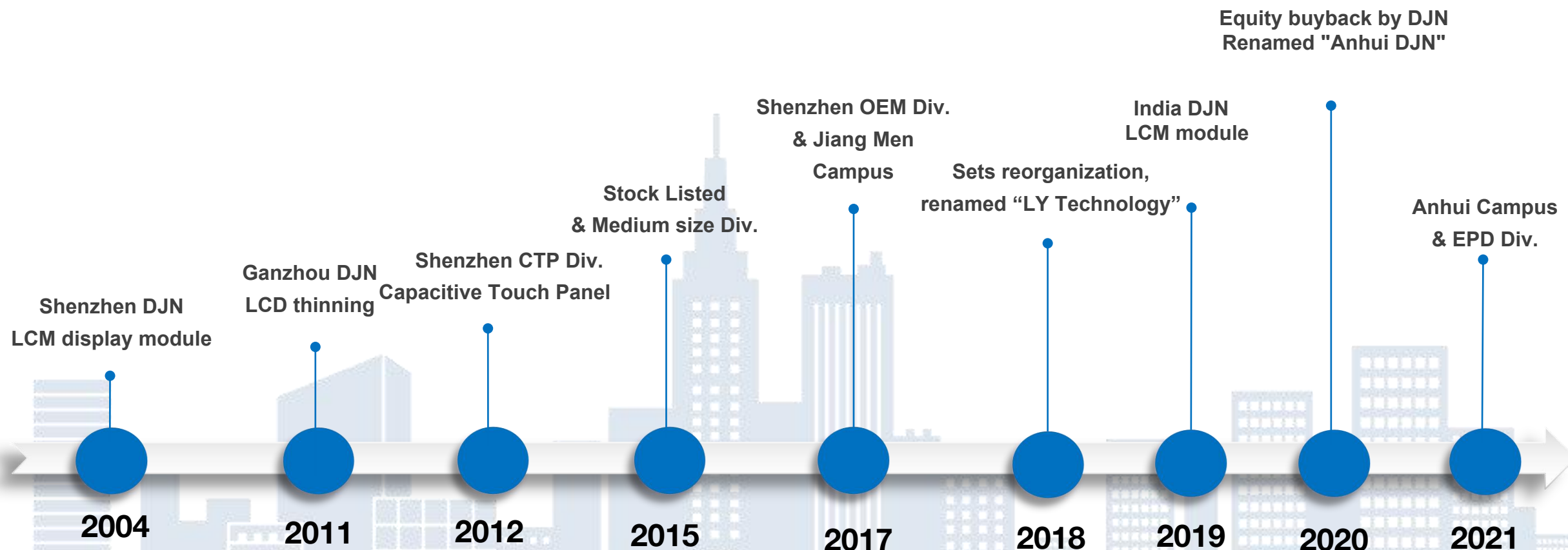
**Medical
Display**



VR Display



Product Type	Wearable (0.95 – 3")	VR (2 – 7")	Industrial Display (1.28– 18")
Production Capacity / Month	1KK	600K	1KK





Cutting Panel

Line
Cutting

Test

CNC
Grinding

Auto

Auto

Auto

Automation Rate 3/3=100%

Module Front End

POL
Attached

Clean

COG

FOG

AOI For
Bonding
Area

Dispensi
ng

FOB

Test

Attaching
auxiliary
materials

Auto

Auto

Auto

Auto

Auto

Auto

Auto

Auto

Auto

Automation Rate 9/9=100%

Module Back End

LAM

Auto
clave

Inspection

UV
Curing

BLU
ASSY

QR
code

Soldering

OTP

TP
Test

Final
Test

FQC

OQC

OQC
Inspection

Auto

Auto

Man
Made

Auto

Auto

Auto

Semi-
Auto

Auto

Auto

Auto

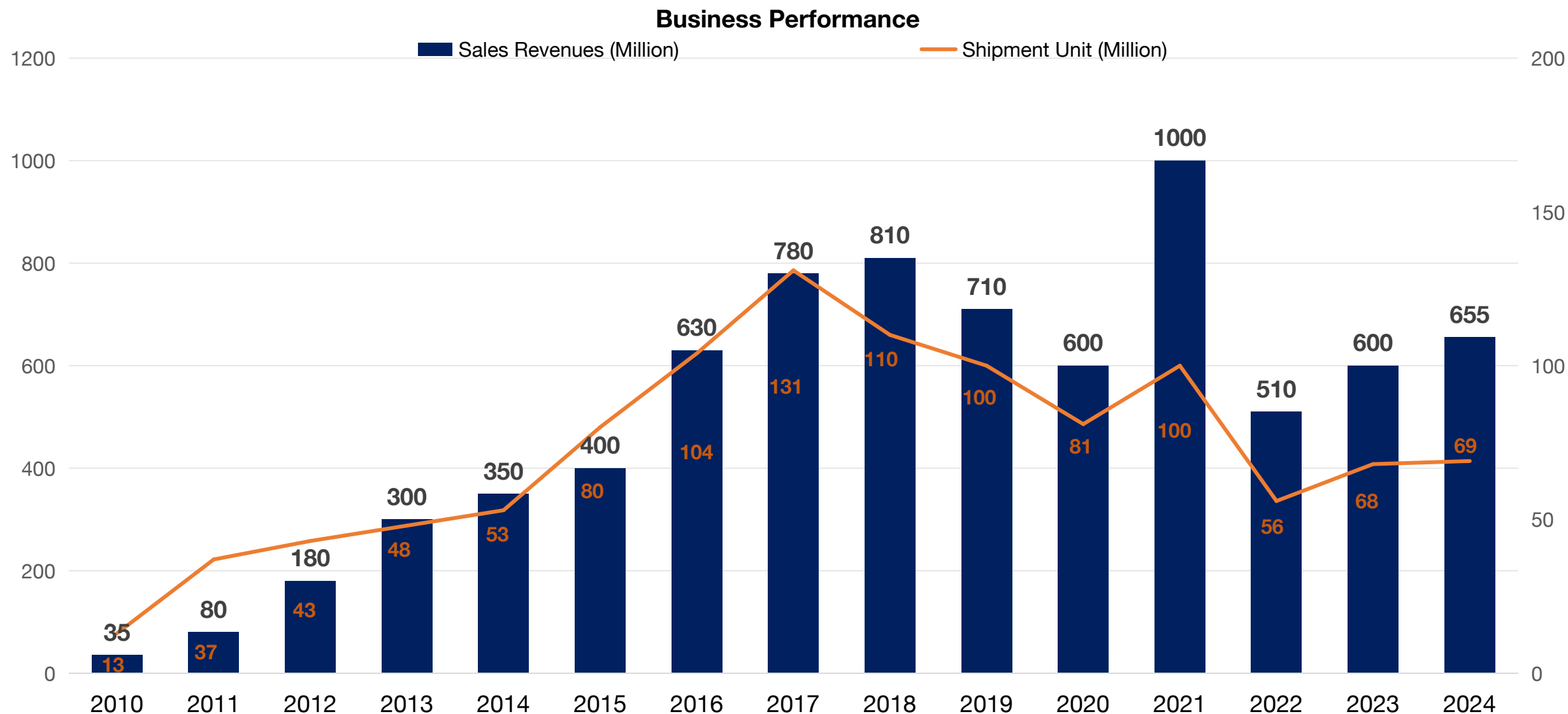
Man
Made

Man
Made

Man
Made

Automation Rate 9/13=70%

We have high automation rate of about 85% totally





Quality System Certification

DJN 帝晶光电

- RoHS, REACH
- Quality Management System
- Environmental Management System
- Hazardous Substance Management System
- Static Management System
- Automotive Quality Management System
- Information Security Management System
- Social Responsibility RBA
- Occupational Health and Safety Management System



ISO9001:2015



ISO14001:2015



ISO45001:2018



ESD S20.20:2014



IATF16949:2016



ISO27001:2013



QC080000:2017



RBA



Our Customers

DJN 帝晶光电



Part 2 Product Roadmap

- ◆ Industrial Products
- ◆ Consumer Products
- ◆ EPD
- ◆ Embedded Board
- ◆ Monochrome

2-1

Industrial Products

◆ Smart Home Appliances

◆ Outdoor Display

◆ Charging Pile

◆ Transflective / Reflective

◆ Industrial Control

◆ Educational electronics

◆ POS

◆ Automotive / Medical display



Smart Home



Outdoor Display



Charging Pile



Industrial/Instrumentation



E-Education



Mobile Payment / Desktop Cashier



Automotive / Medical display



Transflective / Reflective

- ◆ Varieties of integrated display solutions,
- ◆ with product sizes ranging from 0.96 to 17.3 inches.
- ◆ Features: High definition, full viewing angle, touch integration, etc.,
- ◆ Application: As shown in above pictures.

MP

1.14" IPS 135*240, 200nit 
IC: ST7789P3(Sitronix)
Flashlight (7023A)  

1.28" IPS 240*240, 300nit 
IC: GC9A01N (GC)  
Faucet Switch (Z046)  

3.5" IPS 320*480, 300nit 
IC: ST7365 
Home Appliance (Z02)  

3.95" IPS 480*800, 350nit 
IC: ST7701 
Home Appliance (Z085)  

7.0" TN 800*480, 250nit 
IC: EK79716B(S)+ EK73202AB2(G) 
FIT
Home Appliance (Z017)  

10.1" IPS 800*1280, 300nit 
IC: ER88577A(Erised) 
Coffee Machine (Z096)  

 Serial Port Screen  -Out cell  -in cell  -on cell  -NTP

MP

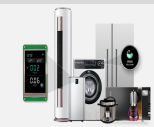
Development

Plan



Smart Home

2024



Smart Home

1.54" IPS 240*240, 300nit IC: ST7789V2(Sitronix) Faucet Switch(Z074) BOE	3.95" IPS 720*720, 350nit IC: NV3052CGRB (NV) Home Appliance (Z055) BOE	8.8" IPS 1280*320 400nit IC: EK79202B+EK79202D Smart Home (Z144) AU
2.1" IPS 480*480, 400nit IC: ST7701SN-G5(Sitronix) Faucet Switch(Z049) BOE	3.95" IPS 480*480, 400nit IC: ST7701S (Sitronix) Home Appliance (Z054) BOE	2.95" IPS 480*854 250nit IC: ST7701S (Sitronix) Smart control (7046A) BOE
2.18" IPS 200*480, 650nit IC: ST77903(Sitronix) Home Appliance(Z114) BOE	6.75" IPS 480*1280, 280nit IC: ER68576CB001 (Erised) Home Appliance (Z059H) BOE	4.3" IPS 480*272 800nit IC: SC7283 (Sitronix) Oven (7091A) HSD
2.4" TN 240*320, 300nit IC: ST7789P3 (Sitronix) Home Appliance(Z084H) BOE	7.0" IPS 1024*600, 350nit IC: HX8282-A11+HX8696-A01 Coffee Machine (Z047) BOE	4.3" IPS 480*272 1000nit IC: SC7283-G4-1 (Sitronix) Hair dryer (7131A) HSD
2.8" TN 240*320, 250nit IC: ST7789V2 (Sitronix) Home Appliance(Z092H) CTC	7.0" IPS 800*1280, 300nit IC: JD9365-H3 (FIT) Home Appliance (Z137) BOE	5.0" IPS 800*480 800nit IC: ST7262 (Sitronix) Hair dryer (7132A) CTC
3.1" IPS 360*480, 350nit IC: ST7369-G5(Sitronix) Home Appliance(Z090) BOE	8.0" TN 1024*768, 300nit IC: HX8282-A02+HX8695-B01 Furniture (Z024) BOE	10.1" IPS 1200*1920 330nit IC: FT8201AB*2 (FT) Smart Home (7020A) INX

MP



Industry

3.5" IPS 320*800, 300nit
IC: ST7365-G5(Sitronix)
Energy Storage (Z027)

★

◇

BOE

4.3" TN 480*272, 320nit
IC: ILI6485 (ilitek)
Industry (Z034)

★

◇

BOE

4.3" IPS 480*800, 350nit
IC: GC9503CV (GC)
Industry (Z019)

★

◇

BOE

7.0" TN 800*480, 400nit
IC: EK79716B(S)+ EK73202AB2(G)
FIT
Industry (Z005)

★

◇

BOE

8.88" IPS 1280*320, 320nit
IC: EK79202B1 (FIT)
Industry (Z172H)

★

◇

BOE

6.21" IPS 1920*640, 900nit
IC: HX8239-A01
Game Console (6632A)

△

BOE

7.0" IPS 1024*600, 350nit
IC: EK73215BCGA+
EK79001HN (FIT)
Printer (D022)

◇

BOE

8.0" IPS 800*1280, 230nit
IC: ILI9881C(ilitek)
Refrigerator (6633C)

◇

BOE

10.4" IPS 1024*768, 450nit
IC: HX8282A*2+HX8695*1
Lathe (6631A)

△

BOE

10.95" IPS 1200*1920 450nit
IC: ICNL9951R*2
Industry (W006C)

○

MDT

2024



Industry

4.3" IPS 800*480, 400nit
IC: ST7262 (Sitronix)
Industry (Z093H)

BOE

5.0" IPS 800*480, 1000nit
IC: ST72568-G6 (Sitronix)
Massage chair (Z057)

BOE

5.0" IPS 480*854, 250nit
IC: ST7701SN-G5 (Sitronix)
Industry (Z071)

BOE

8.0" TN 800*600 250nit
IC: EK79713+EK73215
Industry(Z022)

INX

12.1" IPS 1024*768 500nit
IC: EK79202B+EK79202D
Industry (Z164)

AU

15.0" IPS 1024*768 150nit
IC: LCM out source
Express delivery cabinet (Z031)

BOE

15.6" IPS 1920*1080
IC: NT71875+NT66811C, FOB
Industry (Z083)

BOE

2.1" IPS 480*480, 250nit
IC: ST7701SN (Sitronix)
Computer Case (7032A)

BOE

2.8" TN 240*320, 300nit
IC: ST7789V2 (Sitronix)
Drum kit (7095A)

CTC

7.0" IPS 1024*600, 350nit
IC: JD9165A-A (Sitronix)
Integrated PC secondary screen (7112A)

BOE

10.1" IPS 1200*1920, 315nit
IC: FT8201AB*2
Industry (W032)

INX

10.1" IPS 1024*600, 500nit
IC: EK73215BCGA+ EK79001H
(FIT) G+G
Printer (7117A)

BOE

10.36" IPS 1200*2000 300nit
IC: HX83102*2
Industry (W011C)

INX

	MP	2024						
 Charging Station		4.3" IPS 480*272, 400nit  IC: NV3047EGZB (NV)  Charging Station (Z0  	7.0" TN 800*480, 900nit  IC: HX8282-A11+HX8696-A0  Charging Station (Z0  					
		4.3" TN 480*272, 310nit  IC: NV3041A-01 (NV)  Charging Station (Z152)  	7.0" IPS 1024*600, 900nit  IC: ILI6150M6+ILI5120  Charging Station (Z1  					
		4.3" IPS 480*272, 310nit  IC: NV3041A-01 (NV)  Charging Station (Z154)  	7.0" TN 800*480, 900nit  IC: EK79716B+EK73202  (FIT)Charging Station  					
		6.8" IPS 800*480, 500nit  IC: SC7277 (Sitronix)  Charging Station (Z1  						
		7.0" TN 800*480, 900nit  IC: EK79716B+EK73202 (FIT)  Charging Station (Z0  						
 Serial Port Screen		 -Out Cell	 -in cell	 -on cell	 -NTP	MP	Development	Plan

	MP	2024		
 Color Analyzer  Auto inspection	2.4" TN 240*320, 240nit  IC: ST7789T3 (Sitronix)  Color Analyzer (7037A)  10.1" IPS 1920*1200 450nit  IC: ST5892B*3 (FIT) G+G  Auto inspection (6992) 	2.8" TN 240*320, 250nit  IC: ST7789T3 (Sitronix)  Spectrophotometer (7166A)  3.5" TN 320*480, 350nit  IC: ST7365P (Sitronix)  Color Analyzer (7065A)  3.5" IPS 320*480, 250nit  IC: ST7365P (Sitronix)  Color Analyzer (7066A)  8.0" IPS 800*1280, 250nit  IC: JD9365DA*1 (FIT) G+G  Auto inspection (6965C) 		

	MP		2024	
	<7.0"	10.0" ~11.0"	10.0" ~11.0"	11.X" ~15.X"
 Education	3.71" IPS 240*960, 500nit  IC: ST7701S-G5-P (Sitronix) Scanner Pen (6685A)  BOE	10.1" IPS 1200*1920, 400nit  IC: FT8201*2 Low Blue Light Education (6637C)  BOE	10.95" IPS 1200*1920 440nit  IC: ICNL9951R*2 Low Blue Light 90HZ Education (W017C)  MDT	14.25" IPS 1600*2400 300nit IC: NT36532H*2 Low Blue Light  60HZ AG CG、wide gamut Education (7103C)  AU
	3.96" IPS 1280*720 IC: EK79202B1 (FIT) FOG  Projector (6961A)  BOE	10.1" IPS 1200*1920, 320nit  IC: HX8279D*2 Low Blue Light Education (6640C)  BOE		
	5.2" IPS 1080*1920 IC: ILI7807D (ilitek) FOG  Projector (D041B)  BOE	10.95" IPS 1200*1920 280nit IC: FT8203*2 Low Blue Light  90HZ AG CG Education (7031C)  BOE		
	5.45" IPS 480*960, 350nit  IC: ST7701S-G5-P (Sitronix) Smart Speaker (0289B)  INX	10.95" 1200*1920 (7075C)  LR/U/D:1.95/1.7/5.0 IC:HX83102-J02*2 90HZ, WT, WG, low blue light, Education  BOE		
 Serial Port Screen  -Out Cell  -in cell  -on cell  -NTP MP Development Plan				



POS



PDA

MP

2024

3.97" IPS 480*800, 330nit 
IC: ST7701SN (Sitronix)
POS (1422A)  

5.0" IPS 720*1280, 520nit 
IC: FL7703NI (Sitronix)
POS (7025A)  

6.517" IPS 720*1600 500nit 
IC: ICNL9911CAC-01F
POS (1278B)  

6.745" IPS 720*1600 350nit 
IC: ILI9883C-X1 (ilitek)
POS (7026A)  

14.1" IPS 1920*1080 280nit 
IC: RM91C51 (Renesas) 
Desktop cashier(7018A)  

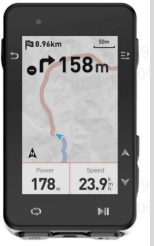
3.95" IPS 480*480, 300nit 
IC: GC9503CV (GC)
POS (1366A)  

5.45" IPS 720*1440, 450nit 
IC: GC9702C (GC)
PDA (7050A)  

5.99" IPS 720*1440, 300nit 
IC: ILI9882Q (ilitek)
POS (7083A)  

10.95" IPS 1200*1920 500nit 
IC: HX83102-E*2 (Himax)
POS PAD(7061A)  

	MP	2024		
 Medical	10.1" IPS 1024*600, 550nit ◇ IC: HX8282-A11+HX8696-A01 Medical Monitor (Z122H) ★ BOE	2.4" IPS 240*320, 450nit ◇ IC: ST7789V (Sitronix) BOE		
	10.1" IPS 1200*1920 330nit ○ IC: JD9366TC-A1*2 (FIT) Medical PAD (7053C) INX	7.0" IPS 1024*600, 400nit △ IC: JD9165A-A3 (FIT) HKC		
		10.1" IPS 1200*1920 330nit ○ IC: JD9366TC-A1*2 (FIT) INX		
		10.1" IPS 800*1280, 400nit ○ IC: ER88577B (Erised) INX		
		10.1" IPS 800*1280, 300nit ◇ IC: ER88577B (Erised) BOE		
★ Serial Port Screen ◇-Out Cell ○-in cell -on cell △-NTP MP Development Plan				

	MP	2024	
 TF/Re		5.0" TN 800*480, 150nit ◇ IC: EK73202AB2+ EK79716BD4(FIT) TF Speaker/Navigator (7021A)  HSD	10.3" TN 1440*1920 100nit ◇ IC: HX8279-D01 RE Education(7030A)  HSD
		5.5" TN 720*1280, 100nit ◇ IC: ILI9881C-05 RE  HSD PAD/Navigator(7038A)	10.36" TN 1200*2000 110nit ◇ IC: HX8279-D01 TF ◇ Outdoor (7049A)  HSD
★ Serial Port Screen		◇-Out Cell	○-in cell
		□-on cell	△-NTP
		MP	Development
			Plan

	MP	2024		
Bar type	6.21" IPS 1920*640, 900nit△ IC: HX8239-A01 3:1 GamePad (6632A)	3.9" IPS 480*128(ND) 400nit △ IC: ST7282A (ST) 3.75:1 Bar type display (7082A)	8.8" IPS 1280*320 320nit ◇ IC: EK79202B (Erised) 4:1 Bar type display(Z172H) ★	
		3.9" IPS 800*220(HD) 400nit △ IC: ST72568 (ST) 3.64:1 Bar type display(7081A)	9.35" IPS 300*1280 800nit △ IC: ER88577B (Erised) 4.27 Car Rearview Mirror(7088A)	
		6.1" IPS 280*1424 400nit △ IC: FL7703NI-G5-DP(ST) 4:1 Bar type display(7080A)		
		6.75" IPS 480*1280 280nit ◇ IC: ER68576CB001 (Erised) ★ Bar type(Z059H) 2.67:1		
		7.84" IPS 400*1280 430nit ◇ IC: FL7703NI (ST) Bar type (6750A) 3.2:1		
ND: Normal Definition HD: High Definition				
★ Serial Port Screen ◇-Out Cell ○-in cell □-on cell △-NTP				
	MP	Development	Plan	

	MP	2024		
 Round Display	1.28" IPS 240*240, 300nit IC: GC9A01N (GC) Faucet switch (Z046) △ ★ ○ BOE	2.1" IPS 480*480, 250nit IC: ST7701SN (Sitronix) PC case (7032A) △ ○ BOE		
		2.1" IPS 480*480, 400nit IC: ST7701SN (Sitronix) Home Appliance (Z049H) ◇ ★ ○ BOE		
		3.54" IPS 800*640 1000nit IC: ST5892BAA (Sitronix) 2-Wheel Motors (7071E) △ ○ HSD		
		3.6" IPS 544*506 1000nit IC: ST7266 (Sitronix) 2-Wheel Motors (7070E) △ ○ BOE		
★ Serial Port Screen ◇-Out Cell ○-in cell □-on cell △-NTP MP Development Plan				

	MP	2024	
 2-Wheel Motors		3.54" IPS 800*640 1000nit △ IC: ST5892BAA (Sitronix) 2-Wheel Motors (7071E)  HSD	7.0" TN 800*480 1000nit △ IC: IL15960+IL16137 (ilitek) 2-Wheel Motors (7078A)  INX
		3.6" IPS 544*506 1000nit △ IC: ST7266 (Sitronix) 2-Wheel Motors (7070E)  BOE	
		5.0" IPS 800*480 1000nit △ IC: ST7262-G4-F (Sitronix) 2-Wheel Motors (7069E)  CTC	
		5.0" IPS 800*480 1000nit △ IC: HX8264+HX8664B (Himax) 2-Wheel Motors (7068E)  MDT	
		7.0" IPS 800*480 1000nit △ IC: HX8264-D+HX8664B (Himax) 2-Wheel Motors (7076A)  MDT	

2-2

Consumer Products

- ◆ Mobile
- ◆ Wearable
- ◆ VR
- ◆ Tablet (Branded)
- ◆ Tablet (Second-tier)
- ◆ Tablet (Non-Branded/Plug-in)
- ◆ Notebook



- ◆ We provide TFT-LCD mobile display integrated solutions
- ◆ Products size: 3.5" to 7"
- ◆ Shape: U-groove, water drop, single blind hole, double blind hole, etc.
- ◆ Features: High brightness , wide color gamut, high refresh rate, narrow frame, ultra-thin and other



HD
A-SI
IGZO

MP

Waterdrop

5.71" 720*1520(1110B)	
LR/U/D:1.0/1.0/4.0	
IC:FL7703N-G5-DP(Sitronix)	CTC
6.088" 720*1560(1091B)	
LR/U/D:0.9/0.9/4.1	
IC:FT8006S-AA	BOE
6.217" 720*1520(1081B)	
LR/U/D:1.0/1.0/4.6	
IC:NT36525BH-DPBS	AUO
6.517" 720*1600(1141B)	
LR/U/D:0.9/0.9/3.8	
IC:ICNL9911CAC-01E	MDT
6.517" 720*1600(1303B)	
LR/U/D:0.9/0.9/3.8	
IC:NT36525BH	BOE
6.517" 720*1600(1260B)	
LR/U/D:1.0/1.0/3.9	
IC:ICNL9911CAC	AUO
6.528" 720*1600(1047B)	
LR/U/D:1.0/1.0/4.15	
IC:NT36525BH	BOE

Waterdrop

6.56" 720*1612(1317B)	
LR/U/D:1.0/1.0/3.5, 90HZ	
IC:NT36528H, Bump Down	BOE
6.708" 720*1650(1295B)	
LR/U/D:1.0/1.0/3.6	
IC:FT8057 90HZ, Bump Down	BOE
6.745" 720*1600(1271B)	
LR/U/D:0.9/0.9/3.3, 90HZ	
IC:HX83108, Bump Down	INX
6.82" 720*1640(1140B-H)	
LR/U/D:1.0/1.0/4.0	
IC:NT36525BH	MDT

Side Blind Hole

6.55" 720*1600(1048B-J)	
LR/U/D:1.0/0.9/3.2	
IC:FT8009-AB	BOE
6.55" 720*1600(1080B)	
LR/U/D:1.0/1.0/4.3	
IC:FT8006S, no glue for blind hole	INX

Middle blind hole

6.528" 720*1600(1286B)	
LR/U/D:1.0/1.0/3.4, 120HZ	
IC:NT36528H, Bump Down	
MBH 0.1mm OCA	BOE
6.528" 720*1600(1216B)	
LR/U/D:0.9/0.9/3.8	
IC:IL9882Q, 90HZ, MBH	MDT
6.528" 720*1600(1438B)	
LR/U/D:0.9/0.9/3.2, 90HZ	
IC:FT8057S, Bump Down	MDT
6.56" 720*1612(1431B)	
LR/U/D:1.0/1.0/3.3, 90HZ	
IC:NT36528H, Bump Down	BOE
6.82" 720*1612(1445B)	
LR/U/D:0.9/0.9/3.2, 90HZ	
IC:FT8057S, Bump Down	MDT
6.56" 720*1612(1442B)	
LR/U/D:1.0/1.0/3.3, 90HZ	
IC:FT8057S, Bump Down	

MBH: Middle Blind Hole

Main promoted

MP

Development

Plan

	MP	2024 H2	
 HD A-SI IGZO	Waterdrop 6.745" 720*1600(7026A) LR/U/D:0.9/0.9/3.5, 60HZ IC:ILI9883C, Bump Down CTC	Waterdrop 6.88" 720*1640(1496B) LR/U/D:1.0/1.0/3.5, 120HZ IC:FT8057P, Bump Down CTC	Middle blind hole 6.67" 720*1612(1482B) LR/U/D:0.97/0.95/3.3, 120HZ IC:TD4160, Bump Down BOE
	Middle blind hole 6.56" 720*1612(1468B) LR/U/D:0.97/0.97/3.3, 120HZ IC:FT8057S, Bump Down CTC		6.67" 720*1604(1485A) LR/U/D:1.0/1.0/3.3, 120HZ IC:NT36528, Bump Down MDT
	6.67" 720*1604(1466B) LR/U/D:1.0/1.0/3.3, 90HZ IC:ILI9883C, Bump Down MDT		6.67" 720*1604(1492A) LR/U/D:1.0/1.0/3.3, 120HZ IC:FT8057S, Bump Down CTC



FHD
LTPS

MP		2024 H2	
Waterdrop		Middle blind hole	
6.3" 1080*2340(1102B) LR/U/D:0.7/0.9/3.15 IC:HX83112-A11	 AUO	6.67" 1080*2400(1240B) LR/U/D:0.8/0.85/2.55 IC:FT8756, 120HZ	 BOE
6.53" 1080*2340(1051E) LR/U/D:0.7/0.85/3.28 IC:NT36672AH-DP	 BOE	6.67" 1080*2400(1083B) LR/U/D:0.8/0.85/2.55 IC:NT36675H-DP	 AUO
6.583" 1080*2408(1308B) LR/U/D:0.75/0.84/3.15 IC:HX83112F, 90HZ	 BOE	6.72" 1080*2400(1430B) LR/U/D:0.65/0.85/2.7 IC:FT8725, 0.14T, 120HZ	 BOE
6.66" 1080*2400(1261B) LR/U/D:0.95/1.1/2.1, COF IC:RM692C9, 60HZ, OLED	 EDO	6.78" 1080*2460(1387B) LR/U/D:0.75/0.8/2.71, NB 144HZ, NTSC:96% IC:FT8726, Business ODM	 TM
Side Blind Hole			
6.36" 1080*2300(1090B) LR/U/D:0.7/0.8/2.6 IC:NT36675H-DP	 AUO	6.78" 1080*2460(1429B) LR/U/D:0.75/0.8/2.71 IC:ILI7807S, 120HZ	 BOE
6.67" 1080*2400(1053B) LR/U/D:0.8/0.85/1.8, COF IC:HX83112-F, 120Hz	 CTC	6.95" 1080*2460(1436B) LR/U/D:0.75/0.85/3.15 IC:FT8725, 120HZ	 BOE
6.81" 1080*2400(1057B) LR/U/D:0.7/0.85/2.6, COG IC:NT36675H-DP, MUX1:6	 AUO		
		6.78" 1080*2388(1491B) LR/U/D:0.7/0.75/1.65, 120HZ IC:FT8725, COF, HB, UT	
		BOE	
		HB: high brightness UT: ultra thin NB:narrow borders	
		Main promoted	
		MP	
		Development	
		Plan	

HB: hight brightness
UT: ultra thin

NB:narrow borders



- ◆ Fast LCD liquid crystal display modules
- ◆ Products sizes: 2.48" to 5.5" (with single-eye VR screens and double-eye VR screens)
- ◆ Features: High resolution, high brightness, fast response, high color gamut, and high refresh rate.



- ◆ Integrated wearable display solutions
- ◆ Products size ranging from 0.96" to 2.0"
- ◆ Shapes: Circular, R-angle, square, track-shaped, etc.
- ◆ Features: Narrow borders, low power consumption, High PPI etc.

	MP		2024	
 VR	2.54" 1080*1920 (6560B) One VR L/R/U/D:2.0/2.0/1.2/5.5, PPI: 867 IC:JD35596SH-DP/3UD, BS ODM NTSC: 95%, LV: 200nit JDI	5.5" 1920×3762(E078) Two VR L/R/U/D:1.2/1.2/4.5/5.4, PPI: 768 IC:R63455-A1S-EJV30Z-Renesas, OEM NTSC: 71% , LV: 120nit JDI		
	5.5" 2160*3840 (1011B) Two VR L/R/U/D:1.0/1.0/4.4/5.6 PPI: 801 IC:R63455-A1S-EJV30Z, BS ODM NTSC: 85%, LV:120nit JDI	2.48" 2064×2208(1299B) One VR L/R/U/D:1.28/1.28/1.53/5.2 IC:NT57930, 90Hz HRR, PPI:1218 NTSC: 97%, LV: 500nit, OEM JDI		
 Wearable	1.54" 240*240 (D055) L/R/U/D:1.25/1.25/1.05/3.85 IC:ST7789V2-G4-A Rectangl BOE	1.43" 466*466 (E250) L/R/U/D: 1.4/1.4/1.13/1.55 OEM IC: RM690C0 Round/COF TM		
	1.43" 302*320 (1089A) L/R/U/D: 1.23/1.23/1.2/3.46 IC:JD5858A-GN Round/NF INX	1.75" 390*450 (E248) L/R/U/D: 0.8/0.8/1.4/1.6, OEM IC: NT37350 Rectangle COF TM		
	2.0" 410*494 (E297) L/R/U/D: 0.9/0.9/1.3/1.3, OEM IC: FT2308 Rectangle/COF BOE	2.83" 240*320 (6875A) L/R/U/D: 1.5/1.5/1.4/4.88 IC: JD9851 Smart Speaker CTC		
	1.61" 192*90 (E203A) L/R/U/D: 0.9/0.9/1.0/2.0, OEM IC: RM690B0 Smart band/COF TM	1.50" 480*480 (E307) L/R/U/D: 1.2/1.2/1.2/1.22 ,OEM IC: RM690C0 Round/COF BOE		
BS: Business ◇-Out cell ○-in cell □-on cell ☆-AMOLED		MP	Development	Plan



- ◆ Integrated flat panel display solutions
- ◆ Product sizes: 7.0" to 17.3"
- ◆ Features: Resolutions up to 4K or above, high definition and high refresh rate, ultra-thin, narrow borders, wide color gamut, low blue light, and low power consumption, AG anti-glare, touch integration (TDDI + active pen), etc.
- ◆ Applications: Entertainment, education, business office and others.



Tablet

MP		
10.X" ~11.0"	10.X" ~11.0"	11.X" ~12.X"
10.1" 800*1280 (6861C) LR/U/D:2.0/2.0/7.0 , G+G IC:ER88577B*1 (Erised), WT INX	10.1" 800*1280 (7097C) LR/U/D:1.8/1.8/6.8 IC: JD9366TC*1 , WT INX	11.45" 1440*2200 (7035C) 3:2 LR/U/D:1.95/1.7/5.0 , BS ODM IC:FT8206*2 90HZ, NT IC Bump Down BOE
10.36" 1200*2000 (6706C) LR/U/D:2.0/2.0/5.7, 4R, BS ODM IC:NT36523BH*2, 60HZ, WT BOE	10.36" 1200*2000 (6957C) LR/U/D:1.95/1.75/5.6, BS ODM IC:HX83102E*2 60HZ, NT BOE	11.45" 1200*2000 (6978C) LR/U/D:1.6/1.6/4.95, BS ODM IC:HX83102-J02*2 90HZ, WT TM
10.36" 1200*2000 (6930C) LR/U/D:2.0/2.0/5.7, 4R IC:NT36523BH*2, 60HZ, WT INX	10.95" 1200*2000 (6925C) LR/U/D:2.0/1.7/5.25, 4R IC:FT8205*2 60HZ, NT INX	11.97" 1200*2000 (6865C) LR/U/D:2.0/1.7/5.1, 4R, BS ODM IC:ILI9882T*2, 60HZ, WT 2C+2R special-shaped cutting BOE
10.51" 1200*1920 (6740C) LR/U/D:2.0/1.7/4.91, 4R, BS ODM IC:FT8201AB*2, 60HZ, WT BOE	10.95" 1200*1920 (7042C) LR/U/D:1.95/1.7/5.0, BS ODM IC:ICNL9951RBAC*2 90HZ, WT BOE	
10.61" 1200*2000 (6866C) LR/U/D:2.0/1.7/4.925, 4R IC:NT36523A*2, 90HZ, NT INX		
10.95" 1200*2000 (6827C) LR/U/D:2.0/1.7/5.25, 4R, BS ODM IC:NT36523A*2 , 60HZ, WT BOE		

BS:business WT: with-tape NT: Non- tape

★ Main promoted

MP

Development

Plan



Stylus

2024 H2

8.X" ~11.0"

8.68" 800*1360 (7150C)
LR/U/D:1.8/1.7/5.68
IC: NT36532D*1 , NT

BOE

10.95" 1200*1920 (7140C)
LR/U/D:2.0/2.0/5.7
IC: JD9366TS*2 , WT

MDT

10.95" 1200*1920 (7189C)
LR/U/D:1.95/1.7/5.0
IC: HX83102-J*2 , WT

CSOT

11.X" ~12.X"

11.5" 1840*2800 (7145C)
LR/U/D:1.7/1.7/4.4 , 3A CG
IC: NT36532E*2 , 60HZ , WT

BOE



Tablet

WT: with-tape NT: Non-tape

★ Main promoted

MP

Development

Plan



Stylus

	MP	2024
 Tablet	10.36" 1200*2000 (W012C) LR/U/D:2.0/2.0/5.7 IC:HX83102E*2 , 60HZ FPC IS, NT INX	8.68" 800*1340 (W040C) LR/U/D:1.8/1.8/6.2, 4R IC:ICNL9951R*1 , NT 2C+2R special-shaped cutting FPC IS INX
	10.95" 1200*1920 (W006C) LR/U/D:2.0/2.0/5.7 IC: ICNL9951R*2 90HZ FPC IS, NT MDT	10.1" 1200*1920 (W034C) LR/U/D:1.8/1.75/5.6 IC:JD9366TC*2 , 60HZ FPC IS, NT INX

IS: Integrated solution
NT: Non- tape

	MP	2024	
 Tablet	8.0" IPS 800*1280,300nit (H026C), WT, LCM IC: JD9365DA-H3(FIT)  	10.1" IPS 800*1280, 350nit (H183C), WT , TLCM IC: JD9366TC(FIT)/60~120HZ  	10.1" IPS 800*1280, 350nit (H229C), WT, TLCM IC: HX83102-E(Himax)/60~120H  
	8.0" IPS 800*1280,300nit (H017C), WT, LCM IC: ER88577B(Erised)  	10.1" IPS 1200*1920, 400nit (H130C), WT, TLCM IC: ER88477B*2 ((Erised)  	10.1" IPS 800*1280, 300nit (H220C), WT, LCM IC: GH8555BL-04(GohiM)  
	10.1" IPS 800*1280, 300nit (6916C), WT, LCM IC: ER88577B((Erised)  		10.1" IPS 1200*1920, 400nit (H063C-H), WT, LCM IC: ER88477B*2 ((Erised)  
	10.1" IPS 800*1280, 300nit (H025C), WT, LCM IC: JD9365DA-H3(FIT)  		10.1" IPS 1200*1920, 350nit (H234C), WT, LCM IC: HX8279D*2 (Himax)  
	10.1" IPS 800*1280, 300nit (H055C), WT, LCM IC: JD9365DA-H3 (FIT),  		
	10.1" IPS 800*1280, 260nit (H094C), WT, LCM IC: ER88577B((Erised)  		

WT: With- tape

◇-Out cell

○-in cell

□-on

MP

Development

Plan

WT: With- tape

◇-Out cell ○-in cell □-on cell



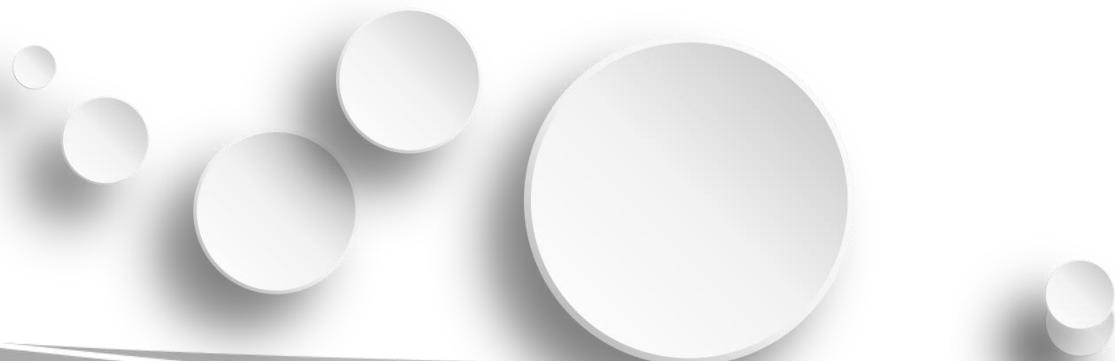
◆ NB Display Module:

- DJN provides a Total Solution for NB TFT-LCD Module.
- Sizes is covering from 11.6" to 17.3" .
- All the modules are with High Definition, Slim-Bezel, Wide Color Gamut, Low Blue-light, TDDI+Active Pen etc.
- Excellent for the applications in Personnel and Business Field.

	MP	2024
 NB		15.6" 1920*1080(6840D) L/R/U/D:2.35/2.35/2.15/6.25 IC:NT66971H-DP*4, LCM NTSC: 72% MDT
		14.0" 1920*1080(6977D) 16:9 L/R/U/D:2.4/2.4/2.15/7.5 IC:TC2005G*2, LCM NTSC: 45% HSD
		14.0" 1920*1200(6942D) 16:10 L/R/U/D:2.4/2.4/2.4/5.8 IC:ILI6145A*2, LCM NTSC: 45%/72% INX

2-3

EPD (Electronic Paper Display)



MP

2024



EDP
PAD

9.7" 1200*825 (7089G)
Touch IC: FT5726-003
Features: AG CG, no front light,
EM pen Applications:
Education market ●●

10.3" 2480*1860 (B/W)
1240*930 (color), 4096colors
Features: AG CG、With front
light, EM pen Applications:
Education Reader ●●●●●●

2-4

Monochrome LCD



Wireless Phone



IP Phone



Consumer Devices



Automotive Instrumentation/Knobs

MP

Monochrome LCD

TN Series (HTN、ETN) Application:

- ①Segment code screen, low duty cycle
- ②Fast response time.
- ③High contrast ratio, high penetration rate
- ④General viewing angle effect.



STN Series (FSTN、ESTN) Application:

- ①Higher duty cycle, more display content.
- ② Better viewing angle effect.
- ③ Contrast ratio, penetration rate, and response time are general.



VA Series (PMVA) Application:

- ① Segment code screen, low duty cycle
- ② High contrast ratio, high display quality
- ③ Penetration rate, response time



Multiplexing	Display Technology		Temperature Range	Contrast Ratio	Response Time	Viewing Cone
Static ~ 1/16 duty	Positive	TN	1	1	1	3
		HTN	1	1	2	2
		FSTN	3	3	3	1
		ASTN	2	2	3	1
	Negative	TN	3	3	1	3
		HTN	3	3	1	3
		ETN	3	2	3	3
		ASTN	2	2	2	2
1/16 ~ 1/240 duty	Positive	PMVA	1	1	2	1
		FSTN	3	3	1	3
	Negative	ASTN	1	1	1	1
		FSTN	2	3	1	3
		FFSTN	3	1	1	2
		ESTN	2	2	3	2
		ASTN	1	2	1	1

Good Fair Poor

Reference EOC data is available upon request.

THANK YOU