General Display Product Roadmap

AU Optronics GDBU

2018. Q3

公司名称：杭州旭虹科技有限公司
公司地址：杭州市西湖区振华路206号西港新界4B206室
电话咨询：0571-81061650
手机咨询：18868786964 （微信同号）
联系人：洪先生
传真：0571-81061650
Email:hzxunhong@163.com
网址：www.hzxuhong.com

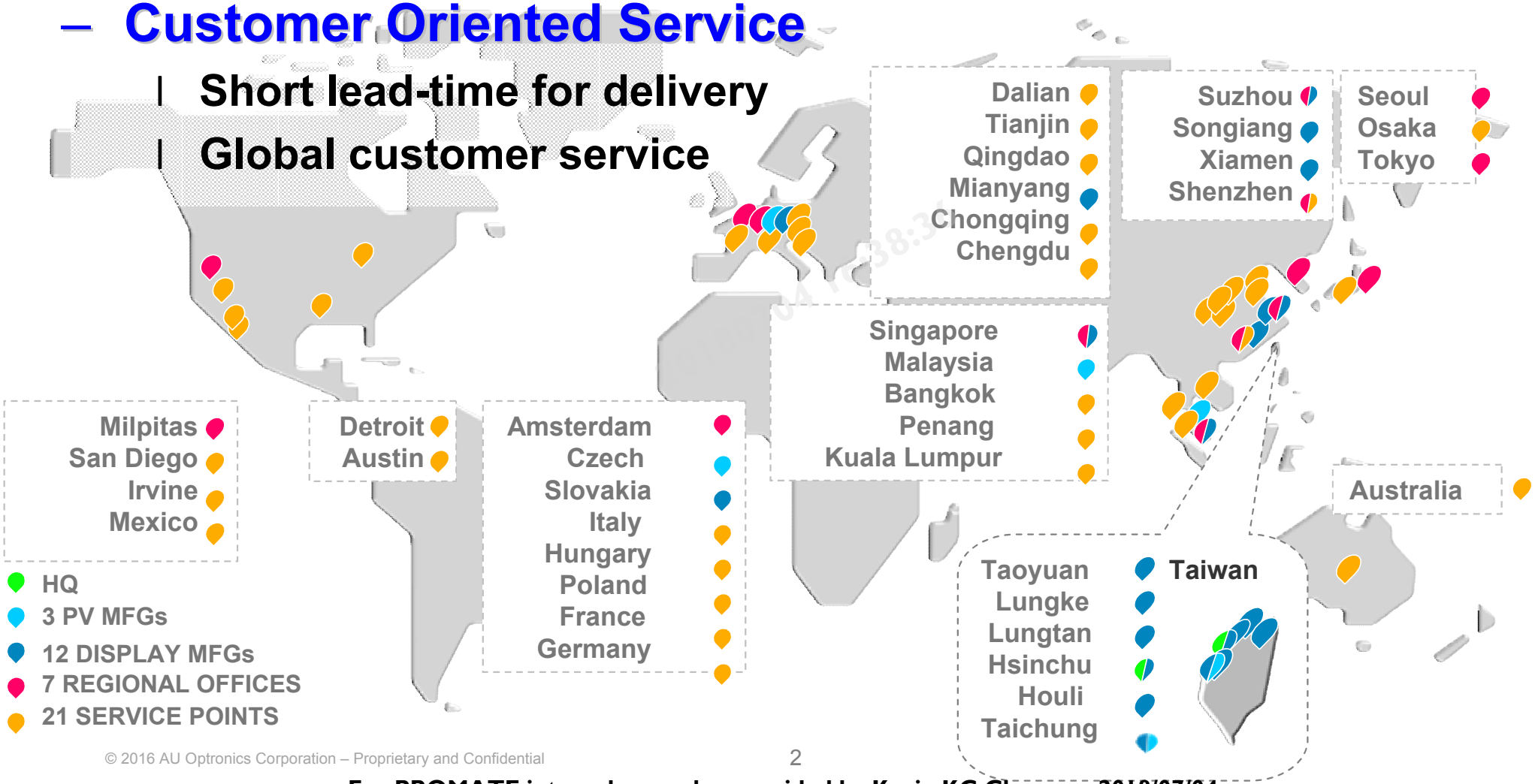
Mission of General Display Business Unit

– Long-term Product Support

- To respond Industrial long qualification procedure
  - ☐ Min. three years product life
  - ☐ Product continuity with ME/EE interface compatibility

– Customer Oriented Service

- Short lead-time for delivery
- Global customer service



GD Display Market Coverage

Gaming & Pachinko

Industrial Automation

Marine

Aviation

Medical

MFP

Mission of General Display Business Unit

LCD

Touch

Solution

Total Solution Provider

Flexible Support

Product Longevity

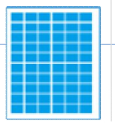
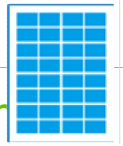
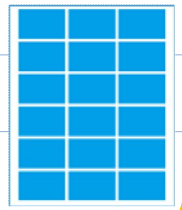
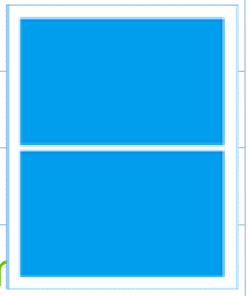
Customized Design

AUO Flexible Fab Capability

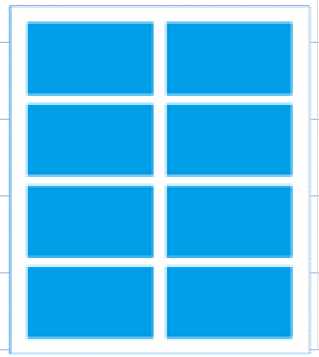
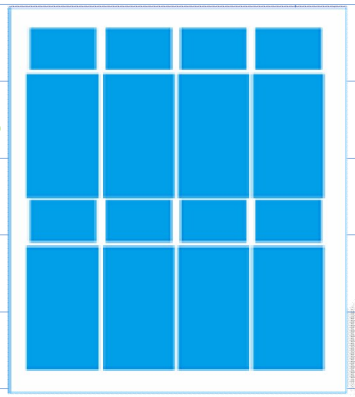
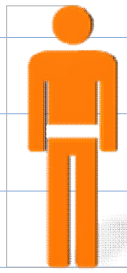
Key Features

- Flexible fab capability to fulfill small-volume and large-variety production.
- G3.5 for customized model.

G3.5	G4	G5	G6
4”w×60	7”w×32	15.6”w×1	39”w×6
600×720 mm	680×880 mm	8 6100×1300 mm	65”w×2
			10.1”w×72
			1500×1850 mm

G7.5	G8.5	
50”w×6	42”x8+21.5”x8	2500mm
	(Hybrid)	2000mm
42”w×8	55”w×6	1500mm
1950×2250 mm	2200×2500 mm	1000mm
		500mm

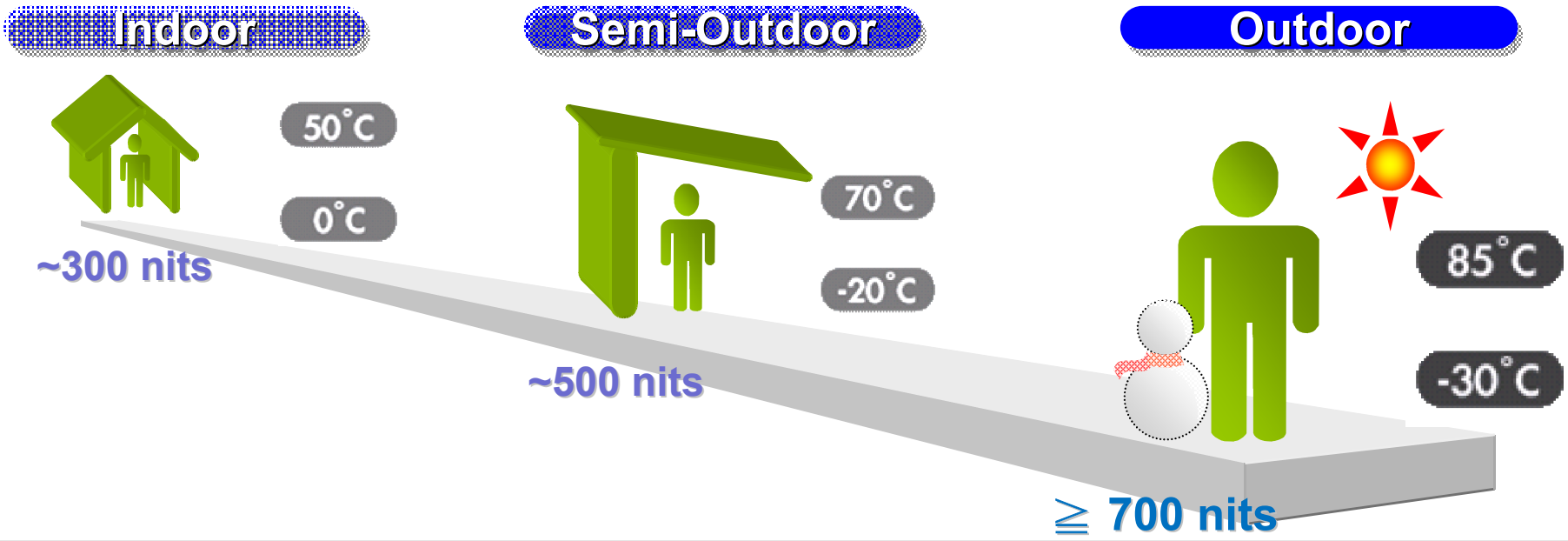




Outdoor Operation

Key Features

- Wide operation temperature
- High Brightness
- ATM/ Kiosk/Marine/Aviation

Development Milestone



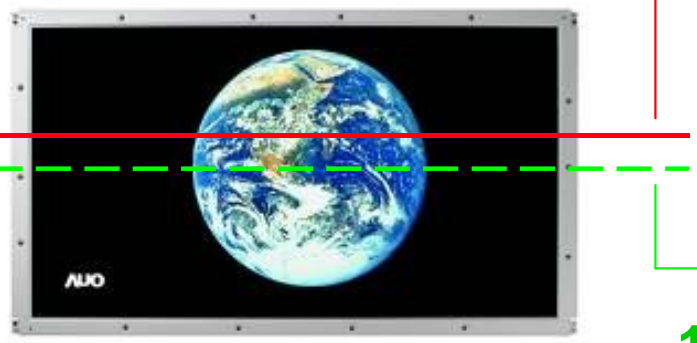
Bar Type LCD

Key Features

- "True" bar type – made by masks, not post-processed cutting process.
- Excellent reliability compared to cut display
- New application for gaming, kiosk, e-Signage

1/4 or 1/3 or 1/2 size

Conventional



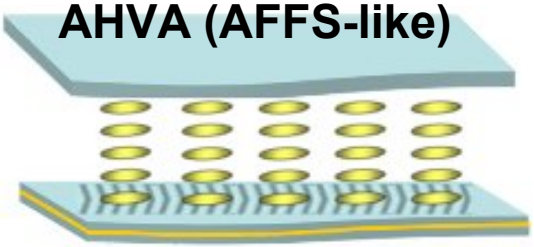
1/3 size

1/2 size

AUO Viewing Angle Tech. Milestone

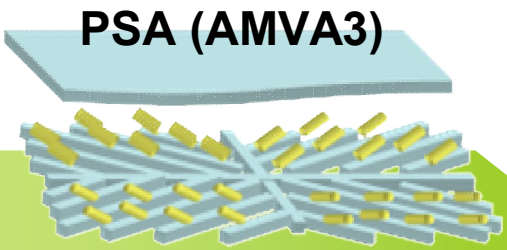
CR□ 1000:1
Viewing Angle: 89/89/89/89
Color Shift: △u'v'<0.03 @ 60°

AHVA (AFFS-like)



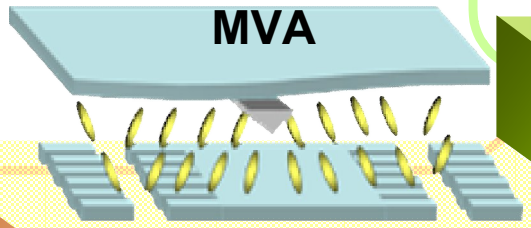
CR□ 3000:1
Viewing Angle: 89/89/89/89

PSA (AMVA3)



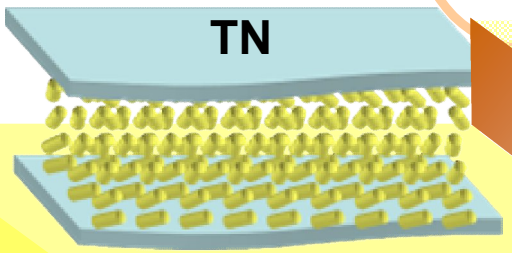
CR□ 2000:1
Viewing Angle: 89/89/89/89

MVA



CR□ 800:1
Viewing Angle: 80/80/70/70

TN



Medical

Multi-media / Gaming

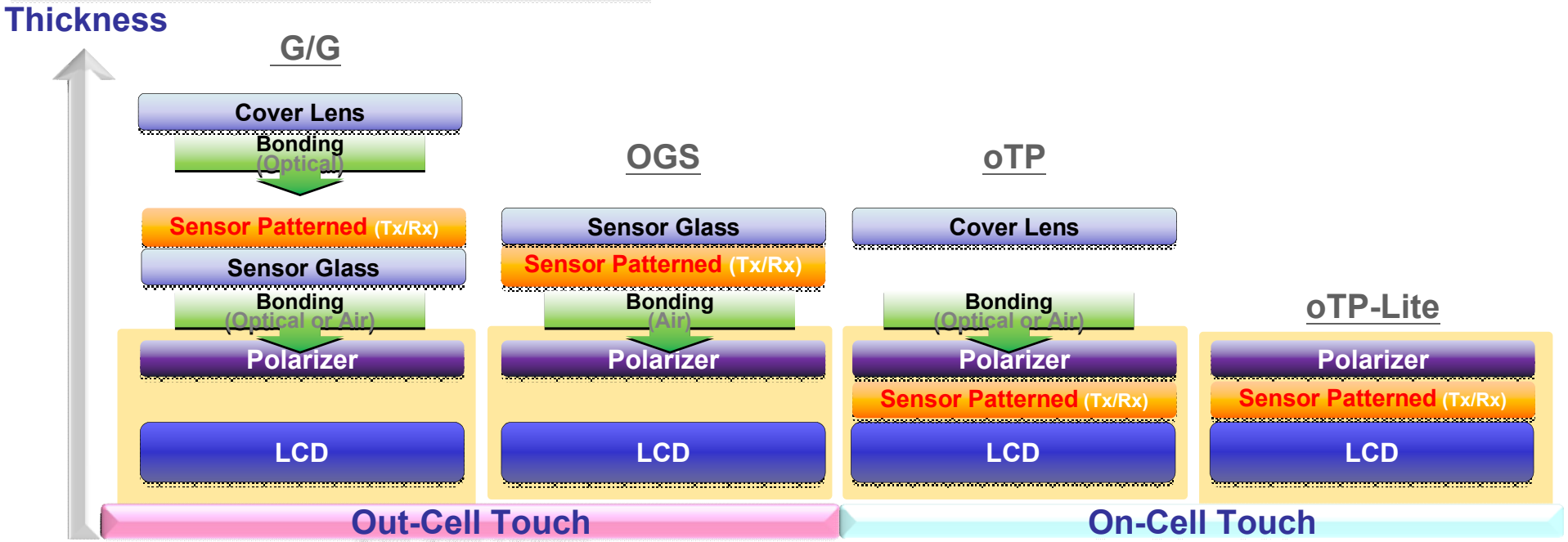
HMI/POS/ATM

AUO In-house Projected Capacitive Touch

Key Features

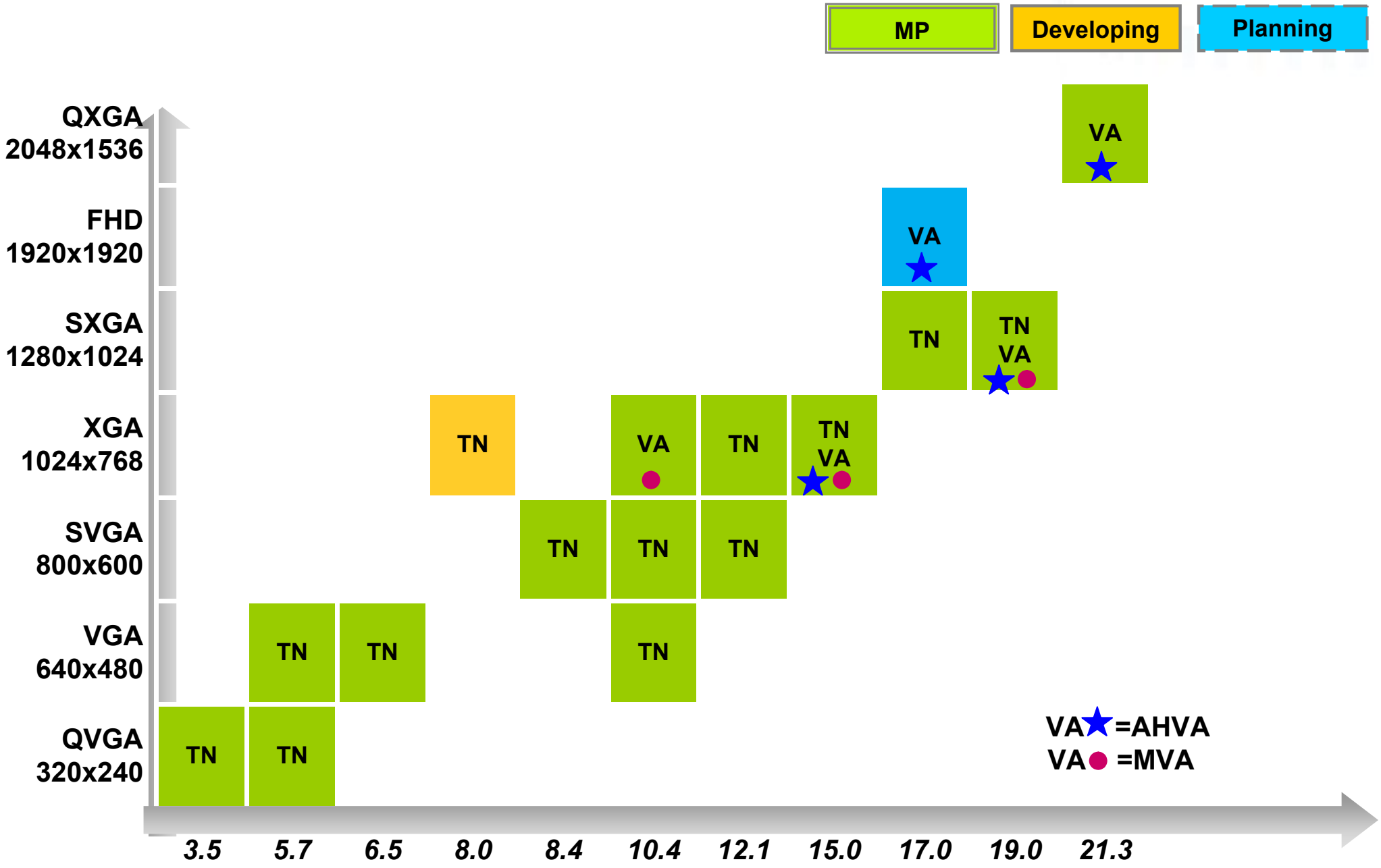
- Longevity support as LCM
- Customized cover glass with thickness / surface treatment / icon / hole
- Air & direct lamination capability
- Total solution for one stop shop

Stack Up Comparison

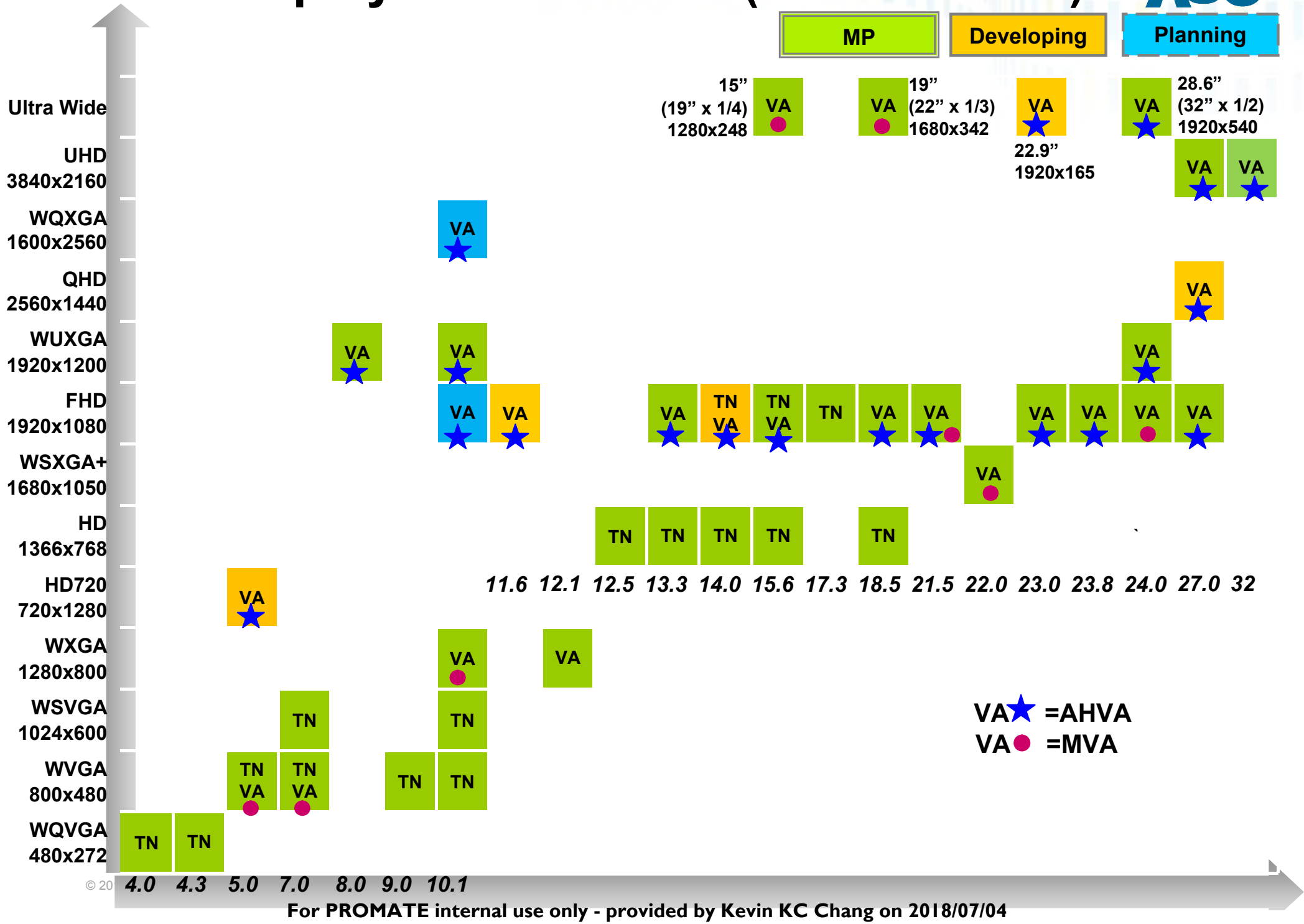


GD LCD Product Roadmap

General Display LCM Product (Square Format)

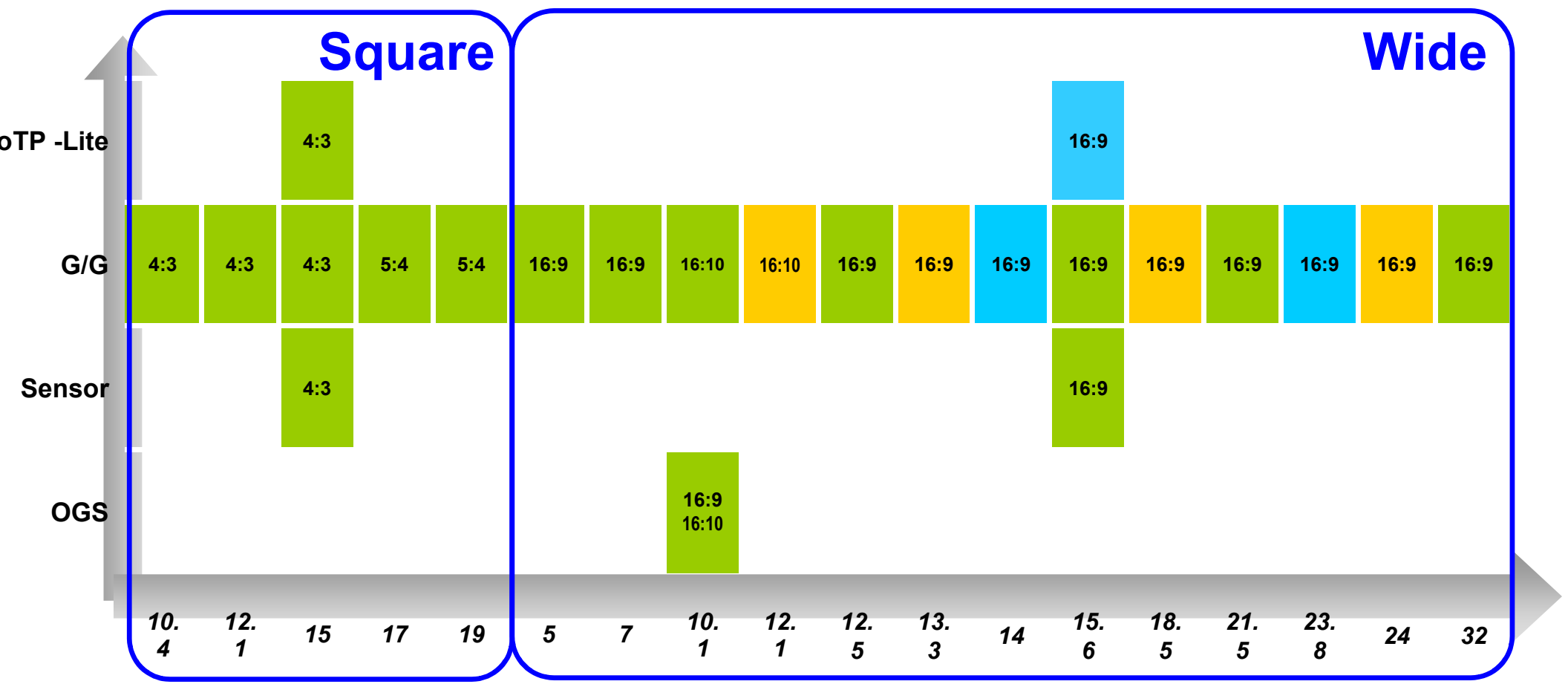


General Display LCM Product (Wide Format)



General Display P-Cap Touch Panel Line Up

MP | Developing | Planning



3.5”~4.3” Models

MP | Developing | Planning

	MP	2018 H2	2019 H1
3.5” QVGA 320x240	Jul.11 **A035QN05 V1** *300 nits, 120/105 -10~70 ℃, 10K Digital, 6bit+FRC, w/o D.*	Feb.17 **A035QN02 VG** *430 nits, 120/105 -20~70 ℃, 10K Digital, 6 bit, w/o D.*	
4.0” WQVGA 480X234 (Delta)	Nov.08 **A040CN01 V3** *300 nits, 90/40 0~60℃, 10K Analog, w/o D.*		
4.3” WQVGA 480x272	Sep.11 **G043FW01 V0** *450 nits, 130/105 -20~70℃, 30K Digital, 6bit+FRC, w/o D.* RS	Apr.18 **G043FTN01.0** *550 nits, 160/120 -20~70℃, 20K Digital, 6bit+FRC, w/o D.* RS	**G043FTN0x.x** *450 nits, 130/105 -20~70℃, 50K Digital, 6bit+FRC, w/o D.* RS

EOL: Dec. 2018

w/o D. without LED Driver RS Reverse Scan

5” Models

MP | Developing | Planning

	MP	2018 H2	2019 H1
5.0” WVGA 800x480	Oct.14 **G050VTN01.1** *1000 nits, 150/140 -20~70℃, 40K Digital, 6bit+FRC, w/o D.*		
	Aug.15 **G050VTN01.0** *370 nits, 150/140 -20~70℃, 20K Digital, 6bit+FRC, w/o D.*		
5.0” HD720 720*1280		Q3.18 **G050TAN01.0** *600 nits, 178/178 -20~70℃, 10K mipi , 8bit, w/o D.* AHVA	

mipi MIPI interface AHVA View Angle Tech **w/o D.** without LED Driver

5.7” / 6.5” Models

MP | Developing | Planning

	MP	2018 H2	2019 H1
5.7” QVGA 320x240	Oct.11 **G057QN01 V2** *800 nits, 160/140 -30~85℃, 50K Digital, 6bit* WT RS RL	Jan.14 **G057QTN01.0** *500 nits, 160/140 -30~85℃, 50K Digital, 6bit* WT RS RL	
5.7” VGA 640x480	Nov.11 **G057VN01 V2** *700 nits, 160/140 -30~85℃, 50K Digital, 6bit* WT RS RL	Oct.12 **G057VTN01.0** *530 nits, 160/140 -30~85℃, 50K Digital, 6bit* WT RS	Aug.14 **G057VTN01.1** *550 nits, 160/140 -30~85℃, 50K Digital, 6bit* WT RS
6.5” VGA 640x480	Oct.09 **G065VN01 V2** *800 nits, 160/140 -30~80℃, 50K hrs LVDS, 6bit+FRC* RS RL		

WT Wide Temperature | RL Replaceable Lightbar | RS Reverse Scan | Highly Vibration Reliability | High Brightness

7” Models

MP | Developing | Planning

	MP	2018 H2	2019 H1
7.0” WVGA 800X480	Apr.09 **G070VW01 V0** 400 nits, 160/160 -30~85℃, 50K LVDS, 6/6bit+FRC WT RS RL	Jul.14 **G070VVN01.2** 600 nits, 160/160 -20~70℃, 30K , 72% Digital, 6/6bit+FRC, w/o D. AMVA3 RS	May.15 **G070VTN02.0** 1,500 nits, 130/110 -30~70℃, 10K Digital, 6bit, w/o D. EOL: Dec. 2018	**G070VAN0x.x** 400 nits, 178/178 -20~70℃, 50K LVDS, 6bit+FRC, w/o D. AHVA
	Feb.11 **A070VW08 V2** 500 nits, 130/110 -20~70℃, 10K Digital,6bit+Hi-FRC,w/o D.	Jan.14 **G070VTN01.0** 300 nits, 130/110 -20~70℃, 30K LVDS, 6/6bit+FRC, w/o D.	Jun.18 **A070VTN06.4** 500 nits, 140/120 -30~80℃, 50K Digital, 6bit+FRC, w/o D. WT	
7.0” WSVGA 1024X600	Oct.14 **B070ATN01.0** 350 nits, 150/145 -20~60℃, 15K LVDS, 6bit+FRC, w/o D.	Jun.18 **B070ATN01.2** 350 nits, 150/145 -20~60℃, 20K LVDS, 6bit+FRC, w/o D.		

WT Wide Temperature | RS Reverse Scan | RL Replaceable Lightbar | AMVA3 View Angle Tech | High Brightness

AHVA View Angle Tech **w/o D.** without LED Driver

8” Model

MP | Developing | Planning

	MP	2018 H2	2019 H1
8” XGA 1024x768		Q4.18 **A080XTN01.5** *300 nits, 140/130 -10~60℃, 15K 8bit, w/o D.*	
8” WUXGA 1200x1920	Jun.18 **G080UAN01.0** *500 nits, 178/178 -10~60℃, 20K* mipi, *8bit, w/o D.* AHVA		

mipi MIPI interface AHVA View Angle Tech **w/o D.** without LED Driver

8.4” /9” Models

MP | Developing | Planning

	MP	2018 H2	2019 H1
8.4” SVGA 800x600	Dec.11 **G084SN03 V3** 250 nits, 160/140 -20~70℃, 30K LVDS, 6bit+FRC RS RL	Nov.11 **G084SN05 V9** 450 nits, 160/140 -30~85℃, 50K LVDS, 6bit+FRC WT RS RL	Q4.18 **G084SN05 V904** 450 nits, 160/140 -30~80℃, 50K LVDS, 6bit+FRC WT RS RL
9” WVGA 800x480	Jun.12 **A090VW01 V3** 250 nits, 140/125 -10~60℃, 10K Digital,6bit+Hi-FRC,w/o D. EOL: Mar. 2019	Feb.13 **G090VTN02.0** 300 nits, 140/120 -20~75℃, 20K Digital, 6bit+Hi-FRC RS	

WT Wide Temperature RS Reverse Scan RL Replaceable Lightbar **w/o D.** without LED Driver

10.1” Models

MP | Developing | Planning

	MP	2018 H2	2019 H1
10.1” WVGA 800x480	Jul.09 **A101VW01 V3** *300 nits, 130/110 -10~60 ℃, 20K Digital, 6bit, w/o D.* RS		
10.1” WSVGA 1024x600	Jan.15 **G101STN01.0** *250 nits, 140/120 -10~60℃, 15K LVDS, 6bit+Hi-FRC*	Aug.15 **G101STN01.4** *350 nits, 140/120 -10~60℃, 50K LVDS, 6bit+Hi-FRC*	Oct.15 **G101STN01.2** *350 nits, 140/120 -10~60℃, 30K Digital,6bit+Hi-FRC,w/o D.*
	May.18 **G101STN01.6** *250 nits, 140/120 -10~60℃, 15K LVDS, 6bit+Hi-FRC* RS	Jun.18 **G101STN01.A** *300 nits, 140/120 -10~60℃, 20K LVDS, 6bit+Hi-FRC* RS	
			Q4. 18 **G101STN01.C** *500 nits, 140/120 -30~80℃, 50K LVDS, 6bit+Hi-FRC* WT
			Q4. 18 **G101STN01.D** *450 nits, 140/120 -10~60℃, 50K LVDS, 6bit+Hi-FRC*

WT Wide Temperature RS Reverse Scan **w/o D.** without LED Driver

10.1” Models

MP | Developing | Planning

	MP	2018 H2	2019 H1
10.1” WXGA 1280x800	Apr.13 G101EVN01.0 300 nits, 170/170 -20~60℃, 15K LVDS, 6bit MVA		
	Apr.16 G101EVN01.3 500 nits, 170/170 -20~70℃, 50K LVDS, 6bit+FRC MVA		
	Jun. 18 G101EVN01.5 400 nits, 170/170 -20~60℃, 15K LVDS, 6bit+FRC MVA		
	Dec. 17 G101EVN03.1 1000 nits, 170/170 -20~60℃, 50K LVDS, 6bit+FRC, w/o D. MVA		
			G101EVN02.x 1500 nits, 170/170 -30~80℃, 50K LVDS, 8bit MVA WT

WT Wide Temperature MVA View Angle Tech High Brightness

10.1” Models

MP | Developing | Planning

	MP	2018 H2	2019 H1
10.1” FHD 1920x1080			**G101HAN0x.x** *500 nits, 178/178* *-20~70℃, 15K* *eDP, 8bit* AHVA
10.1” WUXGA 1920x1200	Nov.13 **B101UAN01.7** *380 nits, 170/170* *-10~60℃, 12K* mipi, *8bit* AHVA Jan.18 **G101UAN01.0** *380 nits, 170/170* *-10~60℃, 20K* *eDP, 6bit + Hi-FRC* AHVA Jul.18 **G101UAN02.0** *800 nits, 170/170* *-10~60℃, 15K* mipi, *6bit + Hi-FRC* AHVA		
10.1” WQXGA 1600x2560			**G101QAN0x.x** *400 nits, 178/178* *0~50℃, 15K, 65%* mipi, *8bit, w/o D.* AHVA

eDP embedded Display Port interface mipi MIPI interface AHVA View Angle Tech High Brightness **w/o D.** without LED Driver

10.4” Models

MP | Developing | Planning

	MP	2018 H2	2019 H1
10.4” VGA 640x480	May.09 **G104VN01 V1** *450 nits, 160/140 -30~85℃, 50K LVDS, 6bit+FRC* WT RS RL		
10.4” SVGA 800x600	Dec.08 **A104SN03 V1** *350 nits, 150/110 -10~60℃, 10K Digital, 8bit, w/o D.*	Oct.11 **G104SN03 V5** *230 nits, 160/130 -20~70℃, 30K LVDS, 6bit+FRC* WT RS RL	Jan.14 **G104STN01.0** *400 nits, 160/130 -30~80℃, 50K LVDS, 6bit+FRC* WT RS RL
10.4” XGA 1024x768	Jul.13 **G104XVN01.0** *470 nits, 178/178 -30~80℃, 50K LVDS, 6bit+FRC* WT RS AMVA3		

WT Wide Temperature RS Reverse Scan RL Replaceable Lightbar **w/o D.** without LED Driver

11.6” Model

MP | Developing | Planning

	MP	2018 H2	2019 H1
11.6” FHD 1920x1080		Q4. 18 G116HAN01.0 350 nits, 178/178 0~50℃, 15K eDP, 8bit AHVA	

eDP embedded Display Port interface AHVA View Angle Tech

12.1” Models

MP | Developing | Planning

	MP	2018 H2	2019 H1
12.1” SVGA 800x600	May.09 **G121SN01 V4** 450 nits, 160/140 -30~85℃, 50K LVDS, 6/6bit+FRC WT RS RL	Aug.12 **G121STN01.0** 300 nits, 160/140 -30~85℃, 30K LVDS, 6/6bit+FRC WT RS RL	Apr.16 **G121SN01 V403** 500 nits, 160/140 -30~85℃, 50K LVDS, 6/6bit+FRC WT RS	**G121STN02.x** 500 nits, 160/140 -30~85℃, 50K LVDS, 6/6bit+FRC WT RS
12.1” XGA 1024x768	May.10 **G121XN01 V0** 500 nits, 160/160 -30~85℃, 50K, 70% LVDS, 6/6bit+FRC WT RS RL RGBW	Mar.14 **G121XTN01.0** 500 nits, 160/160 -30~85℃, 50K, 72% LVDS, 6/6bit+FRC WT RS RL RGBW	Jun.16 **G121XN01 V001** 500 nits, 160/140 -30~85℃, 50K, 72% LVDS, 6/6bit+FRC WT RS	

WT Wide Temperature RS Reverse Scan RL Replaceable Light bar RGBW pixels

12.1” Models

MP | Developing | Planning

	MP	2018 H2	2019 H1
12.1” WXGA 1280x800	Apr.17 G121EAN01.0 500 nits, 178/178 -30~85℃, 70K, 72% LVDS, 6/6bit+Hi-FRC WT AHVA Apr.17 G121EAN01.1 400 nits, 178/178 -30~85℃, 50K, 72% LVDS, 6/6bit+Hi-FRC WT AHVA Jun.18 G121EAN01.2 1000 nits, 178/178 -30~85℃, 50K, 72% LVDS, 6/6bit+Hi-FRC WT AHVA May.18 G121EAN01.3 1500 nits, 178/178 -30~85℃, 50K, 72% LVDS, 6bit+Hi-FRC, w/o D. WT AHVA		Q2.19 G121EAN01.4 300 nits, 178/178 -30~85℃, 30K, 72% LVDS, 6/6bit+Hi-FRC WT AHVA

WT Wide Temperature AHVA View Angle Tech High Brightness

12.5” /13.3” /14” HD Models

MP | Developing | Planning

	MP	2018 H2	2019 H1
12.5” HD 1366x768	Mar.16 **B125XTN03.0** *300 nits, 140/120* *0~50℃, 15K* *eDP, 6bit*		
13.3” HD 1366x768	Sep.17 **G133XTN01.2** *300 nits, 140/110* *-20~60℃, 20K* *LVDS ,6bit+FRC*		
14.0” HD 1366x768	Aug.17 **G140XTN01.0** *220 nits, 90/50* *0~50℃, 15K* *eDP, 6bit*		

eDP embedded Display Port interface

13.3” /14” FHD Models

MP | Developing | Planning

	MP	2018 H2	2019 H1
13.3” FHD 1920x1080	Jul.16 G133HAN01.0 400 nits, 178/178 0~70℃, 50K ,90% LVDS, 8bit AHVA	Q4.18 G133HAN02.0 400 nits, 178/178 0~50℃, 30K eDP, 6bit+FRC Slim AHVA	
14.0” FHD 1920x1080	Apr.18 G140HAN01.1 400 nits, 178/178 0~50℃, 50K ,72% eDP, 6bit+FRC AHVA	Q3.18 B140HTN01.2 300 nits, 90/50 0~50℃, 15K eDP, 6bit Slim	

eDP embedded Display Port interface Slim Slim thickness AHVA View Angle Tech

15” Models

MP | Developing | Planning

	MP	2018 H2	2019 H1
15” XGA 1024x768 (TN)	Mar.17 **G150XTN03.6** *250 nits, 90/60 0~65℃, 50K LVDS, 6bit+FRC* Slim	Nov.17 **G150XTN03.8** *400 nits, 160/150 0~60℃, 50K* ***eDP***, *6bit+FRC* Slim 6.8t	
	Apr.17 **G150XTN03.7** *250 nits, 90/60 0~65℃, 50K* ***eDP***, *6bit+FRC* Slim		
	Nov.16 **G150XTN03.4** *350 nits, 160/150 0~65℃, 50K* ***eDP***, *6bit+FRC* Slim		
	Nov.16 **G150XTN03.5** *350 nits, 160/150 0~65℃, 50K LVDS, 6bit+FRC* Slim		

eDP embedded Display Port interface Slim Slim thickness

15” Models (WT)

AUO

MP | Developing | Planning

15” XGA 1024x768 (TN)	MP		2018 H2	2019 H1
	G150XTN06.0 (Sep.14) 450 nits, 160/150 -30~85℃, 50K LVDS, 6bit+FRC RL, WT	**G150XTN06.6** (Apr.17) 450 nits, 160/150 -30~85℃, 50K eDP, 6bit+FRC WT, Slim	**G150XTK01.0** (Apr.18) 390 nits, 160/150 -30~85℃, 50K LVDS, 6bit+FRC WT, Slim, oTP-Lite	
	G150XTN06.1 (Sep.14) 500 nits, 160/150 -20~70℃, 50K LVDS, 6bit+FRC RL, Slim, 6.8t	**G150XTN06.8** (Apr.17) 450 nits, 160/150 -30~85℃, 50K LVDS, 6bit+FRC WT, Slim		
	G150XTN06.2 (Mar.15) 300 nits, 160/150 -30~85℃, 50K LVDS, 6bit+FRC WT	**G150XTN06.5** (Mar.16) 300 nits, 160/150 -20~70℃, 50K LVDS, 6bit+FRC		
	G150XTN06.4 (Nov.15) 400 nits, 160/150 -30~85℃, 50K LVDS, 6bit+FRC RL, RS, WT	**G150XTN06.7** (Apr.17) 350 nits, 160/150 -30~85℃, 50K eDP, 6bit+FRC WT, Slim		

eDP embedded Display Port interface
WT Wide Temperature
RL Replaceable Lightbar
RS Reverse Scan
Slim Slim thickness
oTP-Lite On cell T/P w/o Cover Lens

15” Models (WT)

MP | Developing | Planning

	MP	2018 H2	2019 H1
15” XGA 1024x768 (TN)	Mar.17 **G150XTN06.3** *1600 nits, 160/150 -30~70℃, 50K LVDS, 6bit+FRC* AR	Q4.18 **G150XTN06.A** *1800 nits, 160/150 -30~70℃, 50K LVDS, 6bit+FRC* Slim AR	
	Dec.17 **G150XTN06.9** *1600 nits, 160/150 -30~70℃, 50K LVDS, 6bit+FRC* Slim		

Slim Slim thickness AR Anti Reflection High Brightness

15” Models

MP | Developing | Planning

	MP	2018 H2	2019 H1
15” XGA 1024x768 (VA)	Apr.14 **G150XVN01.0** *300 nits, 178/178* *-10~70℃, 50K, 72%* *LVDS, 6/6bit+Hi-FRC* Slim MVA	Oct.18 **G150XAN01.0** *400 nits, 178/178* *-20~70℃, 50K* *LVDS, 6bit+FRC* Slim AHVA	
	Mar.15 **G150XVN01.1** *300 nits, 178/178* *-10~70℃, 30K, 72%* *LVDS, 6/6bit+Hi-FRC* Slim MVA	Oct.18 **G150XAN01.1** *500 nits, 178/178* *-20~70℃, 50K* *LVDS, 6bit+FRC* Slim AHVA	
	Jun.18 **G150XVN01.2** *400 nits, 178/178* *-10~70℃, 50K ,72%* *LVDS, 6/6bit+Hi-FRC* Slim MVA	Oct.18 **G150XAN01.2** *500 nits, 178/178* *-20~70℃, 50K* *LVDS, 6bit+FRC* Slim AHVA 6.8t	Q1.19 **G150XAN03.0** *400 nits, 178/178* *-20~70℃, 50K* *eDP, 6bit+FRC* Narrow Slim AHVA 6.6t

Slim Slim thickness MVA View Angle Tech AHVA View Angle Tech

15.6” Models

MP | Developing | Planning

	MP	2018 H2	2019 H1
15.6” HD 1366x768	July.11 **G156XW01 V1** 400 nits, 170/160 0~60℃, 50K LVDS, 6bit+FRC	Jul.18 **G156XTN01.0** 400 nits, 170/130 -30~85℃, 50K LVDS, 6bit+FRC Slim WT	Q4.18 **G156XTN02.0** 220 nits, 90/50 0~50℃, 15K eDP, 6bit Slim
	Nov.15 **G156XW01 V3** 400 nits, 170/160 0~60℃, 50K LVDS, 6bit+FRC Slim		Q4. 18 **G156XTN02.1** 250nits, 160/125 0~50℃, 15K eDP, 6bit Slim
	Oct.16 **G156XW01 V302** 500 nits, 170/160 0~60℃, 50K LVDS, 6bit+FRC Slim		Q4.18 **G156XW01 V4** 500 nits, 170/160 0~60℃, 50K eDP, 6bit+FRC Slim

eDP embedded Display Port interface Slim Slim thickness WT Wide Temperature

15.6” Models

MP | Developing | Planning

	MP	2018 H2	2019 H1
15.6” FHD 1920x1080	Oct.14 **G156HTN01.0** 300 nits, 160/140 -10~60℃, 15K eDP, 6bit Slim	Jun.16 **G156HTN02.0** 400 nits, 160/140 -10~70℃, 50K , 72% LVDS, 8bit Slim	**G156HAB01.x** 300 nits, 178/178 0~50℃, 30K eDP, 6bit Narrow Slim AHVA oTP
	Oct.14 **G156HAN01.0** 400 nits, 178/178 -10~60℃, 50K, 72% eDP, 6bit+FRC Slim AHVA → EOL: Oct. 2018		Q1.19 **G156HAN03.0** 300 nits, 178/178 0~50℃, 30K eDP, 6bit+FRC Slim AHVA Narrow
	Nov.17 **G156HAN02.0** 500 nits, 178/178 -20~70℃, 50K, 72% eDP, 6bit+FRC Slim AHVA	Jul.18 **G156HAN02.1** 500 nits, 178/178 -20~70℃, 50K, 72% LVDS, 8bit Slim AHVA	

eDP embedded Display Port interface AHVA View Angle Tech Slim Slim thickness oTP On-cell Touch with Cover lens

17”/17.3” Models

MP | Developing | Planning

	MP	2018 H2	2019 H1
17” SXGA 1280x1024	Aug.11 **G170EG01 V1** *350 nits, 160/140 -30~85℃, 50K, 72% LVDS, 6bit+Hi-FRC* WT RL	Jul.17 **G170ETN02.0** *400 nits, 160/140 -30~85℃, 50K, 90% LVDS, 8bit* WT	
	Sep.13 **G170ETN01.0** *350 nits, 170/160 0~50℃, 50K, 72% LVDS, 6bit+Hi-FRC* RL	Jul.17 **G170ETN02.1** *800 nits, 160/140 -30~85℃, 50K, 72% LVDS, 8bit, w/o D.* WT	
17” FHD 1920x1920			**G170HAN01.x** *350 nits, 178/178 -20~60℃, 50K, 72% eDP, 8bit* AHVA
17.3” FHD 1920x1080	Feb.12 **G173HW01 V0** *400 nits, 160/140 0~70℃, 50K, 72% LVDS, 6bit+Hi-FRC* RL		

WT Wide Temperature | RL Replaceable Lightbar | **w/o D.** without LED Driver | High Brightness

 AHVA View Angle Tech | *eDP* embedded Display Port interface

18.5” Models

MP | Developing | Planning

	MP	2018 H2	2019 H1
18.5” HD 1366x768	Aug.11 G185XW01 V1 300 nits, 170/160 0~60℃, 50K LVDS, 6bit+Hi-FRC RL	Dec.17 G185XTN01.1 450 nits, 170/160 0~60℃, 50K, 72% eDP, 6bit+Hi-FRC	
	Jun.15 G185XW01 V2 450 nits, 170/160 0~60℃, 50K LVDS, 6bit+Hi-FRC	Dec.17 G185XW01 V201 450 nits, 170/160 0~60℃, 50K, 72% LVDS, 6bit+Hi-FRC	
18.5” FHD 1920x1080	Aug.16 G185HAN01.0 350 nits, 178/178 -20~70℃, 50K, 72% LVDS, 8bit AHVA	May.18 G185HAN01.1 500 nits, 178/178 -20~70℃, 50K ,72% LVDS, 8bit AHVA	

eDP embedded Display Port interface RL Replaceable Lightbar AHVA View Angle Tech

19” Models

MP | Developing | Planning

	MP	2018 H2	2019 H1
19” SXGA 1280x1024 (TN)	July.11 **G190EG01 V1** *350 nits, 170/160* *0~50℃, 50K, 72%* *LVDS, 6bit+Hi-FRC*		
	Jun.16 **G190ETN01.4** *450 nits, 170/160* *-30~85℃, 50K, 90%* *LVDS, 6bit+Hi-FRC* WT		
	Jun.14 **G190ETN01.0** *350 nits, 170/160* *0~50℃, 30K, 72%* *LVDS,6bit+Hi-FRC,w/o D.*		
	Oct.16 **G190ETN01.6** *1600 nits, 170/160* *-30~70℃, 50K* *LVDS, 6bit+Hi-FRC* AR		
	Jul.14 **G190ETN01.2** *350 nits, 170/160* *-30~85℃, 50K, 72%* *LVDS, 6bit+Hi-FRC* WT		

WT Wide Temperature AR Anti Reflection **w/o D.** without LED Driver High Brightness

19” Models

MP | Developing | Planning

	MP	2018 H2	2019 H1
19” SXGA 1280x1024 (VA)	Apr.11 **G190EG02 V0** *600 nits, 178/178 0~50℃, 50K LVDS, 8bit* MVA		
	Jun.11 **G190EG02 V1** *300 nits, 178/178 0~60℃, 50K LVDS, 8bit* MVA		
	Jul.17 **G190EG02 V104** *350 nits, 178/178 -15~70℃, 50K LVDS, 8bit* MVA		

MVA View Angle Tech

19” Models

MP | Developing | Planning

	MP	2018 H2	2019 H1
19” SXGA 1280x1024 (AHVA)	Jan.14 **G190EAN01.0** *300 nits, 178/178 0~50˚C, 50K , 72% LVDS, 8bit* AHVA		
	May.17 **G190EAN01.3** *330 nits, 178/178 0~50˚C, 50K , 72% LVDS, 8bit* AHVA		
	Jun.15 **G190EAN01.1** *1300 nits, 178/178 0~50˚C, 100K LVDS, 8bit* AHVA MONO 8000K		
	Jun.15 **G190EAN01.2** *1300 nits, 178/178 0~50˚C, 100K LVDS, 8bit* AHVA MONO 10500K		
	Nov.17 **G190EAN01.5** *700 nits, 178/178 0~50˚C, 50K , 72% LVDS, 8bit* AHVA		

AHVA View Angle Tech MONO Monochrome High Brightness

21.3”/21.5” Models

MP | Developing | Planning

	MP	2018 H2	2019 H1
21.3” QXGA 2048x1536 (AHVA)	Sep.16 **G213QAN01.0** *800 nits, 178/178 0~60℃, 50K, 72% LVDS, 10bit* AHVA		
21.5” FHD 1920x1080	Apr.12 **G215HVN01.0** *300 nits, 178/178 0~60℃, 50K, 75% LVDS, 8bit* AMVA3	May.14 **G215HVN01.1** *250 nits, 178/178 0~60℃, 30K, 72% LVDS, 8bit* AMVA3	
	Nov.17 **G215HAN01.0** *400 nits, 178/178 0~50℃, 50K, 72% LVDS, 8bit* AHVA	Apr.18 **G215HAN01.2** *350 nits, 178/178 0~50℃, 50K, 72% LVDS, 6bit+Hi-FRC, w/o D.* AHVA	Sep.18 **G215HAN01.201** *300 nits, 178/178 0~50℃, 50K ,72% LVDS, 6bit+Hi-FRC, w/o D* AHVA
			Sep.18 **G215HAN01.3** *250 nits, 178/178 0~50℃, 50K ,72% LVDS, 6bit+Hi-FRC, w/o D* AHVA

AMVA3 View Angle Tech AHVA View Angle Tech **w/o D**. without LED Driver High Brightness

22”/23”/23.8” Models

MP | Developing | Planning

	MP	2018 H2	2019 H1
22” WSXGA+ 1680x1050	Jun.13 **G220SVN01.0** *250 nits, 178/178 0~50℃, 30K LVDS, 6bit+Hi-FRC* MVA	EOL: Extended to Dec. 2019	
23” FHD 1920x1080	Sep.16 **G230HAN01.1** *300 nits, 178/178 0~50℃, 30K, 72% LVDS, 8bit, w/o D.* AHVA		
23.8” FHD 1920x1080	May.16 **G238HAN01.0** *250 nits, 178/178 0~50℃, 30K, 75% LVDS,6bit+Hi-FRC, w/o D.* AHVA		
	Jan.18 **G238HAN01.1** *400 nits, 178/178 0~50℃, 50K, 72% LVDS, 8bit, w/o D.* AHVA	Jan.18 **G238HAN01.2** *400 nits, 178/178 0~50℃, 30K, 83% LVDS, 8bit, w/o D.* AHVA	Dec.18 **G238HAN01.3** *625 nits, 178/178 0~50℃, 50K, 72% LVDS, 8bit, w/o D.* AHVA

MVA View Angle Tech AHVA View Angle Tech **w/o D.** without LED Driver

24”/27” Models

MP | Developing | Planning

	MP	2018 H2	2019 H1
24” FHD 1920x1080	Sep.11 **G240HW01 V0** *300 nits, 178/178 -20~70℃, 50K, 72% LVDS, 8bit* AMVA3 Mar.17 **G240HW01 V1** *300 nits, 178/178 -20~70℃, 50K, 72% LVDS, 8bit* AMVA3		
24” WUXGA 1920x1200	Nov.16 **G240UAN01.0** *900 nits, 178/178 0~50℃, 50K, 78% LVDS, 8bit+Hi-FRC* AHVA Nov.16 **G240UAN01.1** *750 nits, 178/178 0~50℃, 50K, 88% LVDS, 8bit+Hi-FRC* AHVA	Oct.18 **M240UAN01.0** *300 nits, 178/178 0~50℃, 30K, 78% LVDS, 6bit+Hi-FRC, w/o D.* AHVA	
27” FHD 1920x1080	May.18 **G270HAN01.0** *900 nits, 178/178 0~50℃, 50K, 87% LVDS, 10bit* AHVA		
27” QHD 2560x1440		Dec.18 **G270QAN01.0** *350 nits, 178/178 0~50℃, 30K,Adobe99% LVDS, 8bit, w/o D.* AHVA	

AMVA3 View Angle Tech AHVA View Angle Tech High Brightness **w/o D.** without LED Driver

27”/32” Models

MP | Developing | Planning

	MP	2018 H2	2019 H1
27” UHD 3840x2160	Feb.17 **G270ZAN01.0** *800 nits, 178/178* *0~50℃, 50K, 93%* *eDP, 8bit+Hi-FRC* AHVA		
	Jan.18 **G270ZAN01.1** *800 nits, 178/178* *0-50℃, 50K, 93%* *V by 1, 8bit+Hi-FRC* AHVA		**G270ZAN01.x** *350 nits, 178/178* *0~50℃, 30K ,Adobe 99%* *V by 1, 8bit* AHVA
32” UHD 3840x2160	Feb.18 **G320ZAN01.0** *700 nits, 178/178* *0-50℃, 30K, Adobe100%* *V by 1, 8bit+Hi-FRC* AHVA		

eDP embedded Display Port interface AHVA View Angle Tech High Brightness

Bar Type Models

MP | Developing | Planning

	MP	2018 H2	2019 H1
15” (19” x 1/4) 1280x248	Jun.12 **G151EVN01.0** *300 nits, 178/178* *0~50℃, 50K* *LVDS, 8bit* MVA		
19” (22” x 1/3) 1680x342	Aug.11 **G190SF01 V0** *300 nits, 178/178* *0~60℃, 50K, 72%* *LVDS, 6bit+Hi-FRC* MVA EOL: Extended to Dec. 2019		
22.9” 1920x165		Nov.18 **G229HAN01.0** *500 nits, 178/178* *0~50℃, 50K, 72%* *LVDS, 8bit* AHVA	
28.6” (32” x 1/2) 1920x540	Apr.17 **G286HAN01.0** *1000 nits, 178/178* *-10~60℃, 50K, 72%* *LVDS, 8bit, w/o D.* AHVA		

MVA View Angle Tech AHVA View Angle Tech **w/o D.** without LED Driver High Brightness

Total Solution Models (R-TP)

MP | Developing | Planning

	MP	2018 H2	2019 H1
4.3” WQVGA 480x272	Nov.11 G043FTT01.0 *400 nits, 130/105* *0~70 ℃, 10K* *Digital, 8bit, w/o D.* RS (Air Bond)		
7.0” WVGA 800X480	Apr.14 G070VTT01.0 *380 nits, 130/110* *-20~70 ℃, 15K* *Digital, 6bit, w/o D.* (Air Bond)		

RS Reverse Scan **w/o D.** without LED Driver

Total Solution Models (P-Cap)

MP | Developing | Planning

	MP	2018 H2	2019 H1
10.1” WSVGA 1024x600	Jun.16 G101STT01.0 *385 nits, 140/120 -10~60℃, 30K LVDS, 6bit* (Air Bond)		
10.1” WXGA 1280x800	Jun.18 G101EVT04.0 *360 nits, 170/170 -20~60℃, 15K LVDS, 6bit* MVA (Air Bond)		

MVA View Angle Tech

Total Solution Models (P-Cap)

MP | Developing | Planning

	MP	2018 H2	2019 H1
15” XGA 1024x768 (TN)	Feb.18 **G150XTK01.0** *390 nits, 160/150* *-30~85℃, 50K* *LVDS, 6bit+FRC* WT Slim oTP-Lite		

eDP embedded Display Port interface | WT Wide Temperature | Slim Slim thickness | oTP-Lite On cell T/P w/o Cover Lens

Total Solution Models (P-Cap)

MP | Developing | Planning

	MP	2018 H2	2019 H1
15.6” HD 1366x768 (TN)	Jul.16 G156XTT01 V1 350its, 170/160 0~60℃, 50K LVDS, 8bit Slim (Air Bond)		
15.6” FHD 1920x1080		Q4. 18 G156HAT01.0 425 nits, 178/178 -10~60℃, 50K, 72% eDP, 6bit+FRC AHVA Slim (Air Bond)	G156HAB01.x 300 nits, 178/178 0~50℃, 30K eDP, 6bit AHVA oTP Slim (Direct Bond)

eDP embedded Display Port interface | WT Wide Temperature | Slim Slim thickness | oTP On-cell Touch with Cover lens | AHVA View Angle Tech

Total Solution Models (P-Cap)

MP | Developing | Planning

	MP	2018 H2	2019 H1
17” SXGA 1280x1024	Jan.17 **G170ETT01.0** *250 nits, 170/160* *0~50℃, 30K, 72%* *LVDS, 6bit+Hi-FRC, w/o D.* (Air Bond)		
19” SXGA 1280x1024 (TN)			**G190ETT01.x** *300 nits, 170/160* *0~50℃, 50K, 72%* *LVDS, 6bit+Hi-FRC* (Air Bond)

w/o D. without LED Driver

Total Solution Models (P-Cap)

MP | Developing | Planning

	MP	2018 H2	2019 H1
23.8” FHD 1920x1080			**G238HAT01.x** *350 nits, 178/178* *0~50℃, 50K, 72%* *LVDS, 8bit* AHVA (Air Bond)
24” FHD 1920x1080			**G240HVT01.x** *265 nits, 178/178* *-20~70℃, 50K, 72%* *LVDS, 8bit* AMVA3 (Air Bond)

AHVA View Angle Tech AMVA3 View Angle Tech

New Model Summary -I

	Model	MP Schedule
New Model	- G050TAN01.0	~ 2018/Q3
	- A080XTN01.5	~ 2018/Q4
	- G084SN05 V904	~ 2018/Q4
	- G101STN01.C	~ 2018/Q4
	- G101STN01.D	~ 2018/Q4
	- G116HAN01.0	~ 2018/Q4
	- G121EAN01.4	~ 2019/Q2
	- G133HAN02.0	~ 2018/Q4
	- B140HTN01.2	~ 2018/Q3
	- G150XTN06.A	~ 2018/Q4
	- G150XAN01.0	~ 2018/Oct.
	- G150XAN01.1	~ 2018/Oct.
	- G150XAN01.2	~ 2018/Oct.
	- G150XAN03.0	~ 2019/Q1
	- G156XW01 V4	~ 2018/Q4
	- G156XTN02.0	~ 2018/Q4
	- G156XTN02.1	~ 2018/Q4
	- G156HAN03.0	~ 2019/Q1
	- G156HAT01.0	~ 2018/Q4

New Model Summary - II

	Model	MP Schedule
New Model	-G215HAN01.201	*~ 2018/Sep.*
	- G215HAN01.3	*~ 2018/Sep.*
	- G229HAN01.0	*~ 2018/Nov.*
	- G238HAN01.3	*~ 2018/Dec.*
	- M240UAN01.0	*~ 2018/Oct.*
	- G270QAN01.0	*~ 2018/Dec.*

EOL Model Summary

	Model	EOL Schedule	LTB order
EOL Model	-G043FW01 V0	*~ 2018/Dec.*	*~ 2018/Sep.*
	-G070VTN02.0	*~ 2018/Dec.*	*~ 2018/Sep.*
	-A090VW01 V3	*~ 2019/Mar.*	*~ 2018/Dec.*
	-G156HAN01.0	*~ 2018/Oct.*	*~2018/Aug.*
	-G190SF01 V0	*~ 2019/Dec.*	*~2019/Sep.*
	-G220SVN01.0	*~ 2019/Dec.*	*~ 2019/Sep.*

EOL Procedure – G Model

- To secure customer business running smoothly, AUO GD product phase-out procedure is as following to 100% fulfill your need in industrial market.

Bright Innovation Amazing Life