



General Display Solution Display Product Roadmap

AU Optronics GDBU
2019. Q1

GD(General Display)

Commercial



- POS / mPOS / Lottery
- ATM / VTM
- Kiosk
- e-Shelf
- Finger Print

Industrial



- HMI
- Construction / Agriculture
- Multi-Function Printer
- Home Networking
- Finger Print

Transportation



- Subway Gateway
- Train
- Aviation (IFE)
- Marine



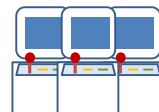
Health Care



- Surgical
- Ultrasound
- Diagnostic display
- X-ray

Gaming / Amusement

- Gaming
- Pachinko



Consumer



- Printer
- DSC
- PND
- E-reader

AUO GD Value-up Solution



- Our target is to deliver the best total solution to help our customers keep their leading position in their business.



Diverse and Innovative Solution



Flexible Production Line



AI MFG & Lab Resource



Simplify the Logistic Route



Longevity Support 3years* min.

GD Diversity and Innovation Solution



POS



HMI



On-cell Touch

Super Narrow Border

Total solution

Wide Temperature

High Reliability

Projective Capacitive Touch

IFE



High Resolution (4K)

High Color Gamut

Long LED Life

Medical



High Contrast Ratio

High Brightness

Low Color Shift

Leading Technology Provider



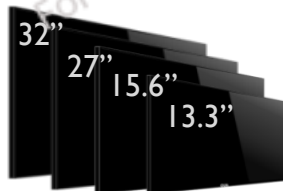
- Developing leading technology and total solution.

4K

- Vivid and lifelike picture quality

XGA 1024 x 768

UHD 4K: 3840 x 2160

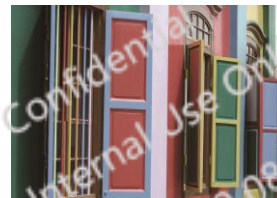


WCG (Wide color gamut)

- Rich and saturated colors

Conventional

WCG



* note: NTSC > 87%

SNB & borderless

- SNB (super narrow bezel)**

- AA to OD \leq 5mm

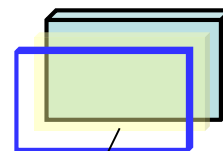
- Borderless**

- edge-to-edge borderless design

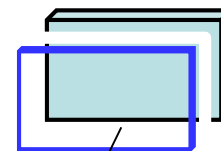


High-end LCM solution

- Touch panel integration (air bonding/ direct bonding)



Direct Bonding OCR/
OCA





Double Side Tape

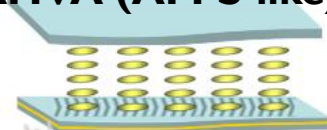
Display Technology





- Diversified display technology achieves the differentiation for each domain and application.

CR \square 1000:1 
Viewing Angle: 89/89/89/89 
Color Shift: $\Delta u'v' < 0.03 @ 60^\circ$

AHVA (AFFS-like)



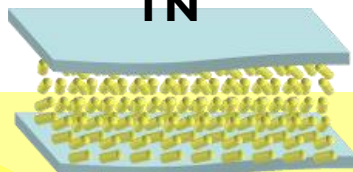
CR \square 3000:1 
Viewing Angle: 89/89/89/89 

PSA (AMVA3)




CR \square 800:1
Viewing Angle: 80/80/70/70

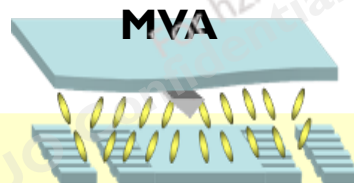
TN



HMI/POS/ATM

CR \square 2000:1 
Viewing Angle: 89/89/89/89

MVA



Multi-media / Gaming

Medical

Touch Solution



- Diverse touch solution, and more industry-oriented design.

Touch solution

- G/G, OGS, GFF, oTP
- Size range: 5"~32"



Cover Lens Surface Treatment

- Cutting / Grinding / Drilling
- icon/ BM design/ logo added
- Anti-Reflection, Anti-Glare, Anti-Smudge



IC performance



Glove
Max. 3mm

CS Test
10V 2pts
IEC61004-4-6
150KHz~80MHz

Cover Lens
Max. 3mm

AUO

Palm Rejection
Max. 10 x 10 cm²



Stylus
Passive Pen,
6mm

Water Proof
• Pass Rain Test
• 10% Salt Water



Flexible Production Line



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

G3.5

1.2"×255

600×720 mm



G4

7"×32

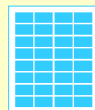
680×880 mm



G4.5

1.2"×360

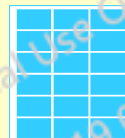
730×920 mm



G5

15.6"×18
23.8"×8
27"×6

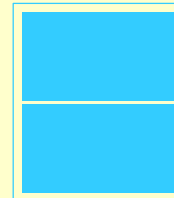
1100×1300 mm



G6

5.99"×240
21.5"×18
65"×2

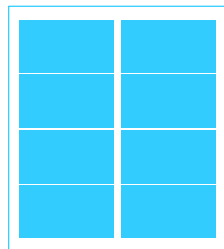
1500×1850 mm



G7.5

43"×8
50"×6
75"×2
85"×2

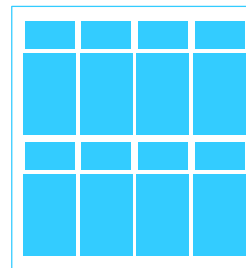
1950×2250 mm



G8.5

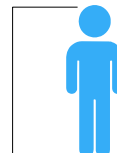
43"×8+21.5"×8
(Hybrid)
55"×6

2200×2500 mm



2500mm
2000mm
1500mm
1000mm
500mm

1700mm



Longevity Support

- GD provides min. 3years product longevity from mass production.

Standards

Min.  YEARS

✓ Long-term Product Support

✓ Smooth EOL Procedure

- Announce EOL earlier than one year
- Product continuity with ME/EE interface compatibility

Global Reach for Prompt Support

● HQ
 ● I4 DISPLAY MFGs
 ● 2 PV MFGs
 ● REGIONAL OFFICES
 ● SERVICE POINTS

TAIWAN
Hsinchu

TAIWAN
Linkou
Longke
Longtan
Hsinchu
Houli
Taichung
Tainan
Kaohsiung
 CHINA
Kunshan
Suzhou
Xiamen
 SINGAPORE
SLOVAKIA

TAIWAN
Taichung
 CZECH

CHINA
JAPAN
NETHERLANDS
SINGAPORE
SOUTH KOREA
USA

CHINA
CZECH
FRANCE
GERMANY
HUNGARY
INDIA
ITALY
JAPAN
MALAYSIA
 MEXICO
NETHERLANDS
POLAND
SINGAPORE
SLOVAKIA
SOUTH KOREA
THAILAND
USA

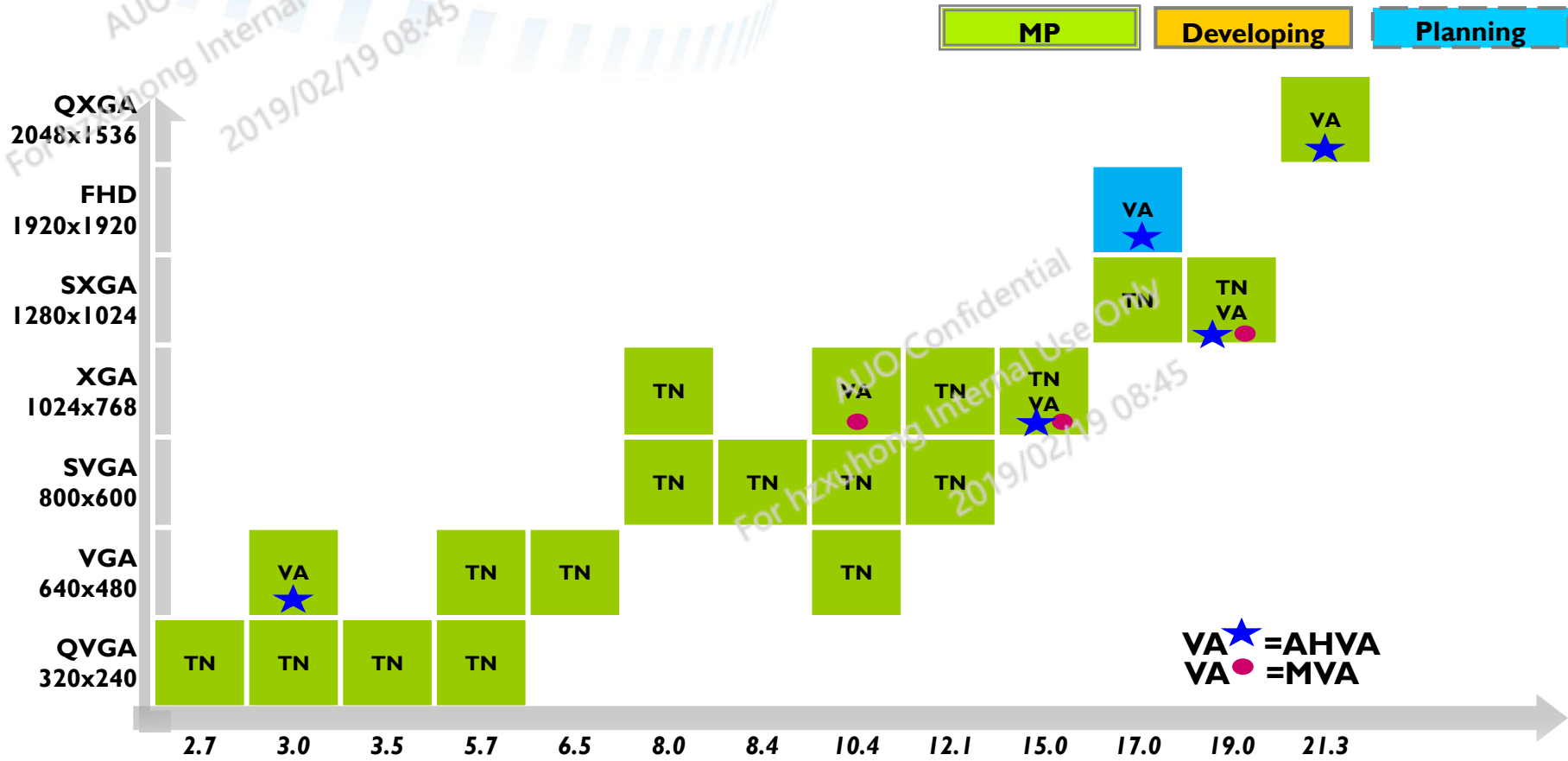


AUO Confidential
For hzxuhong Internal Use Only
2019/02/19 08:45

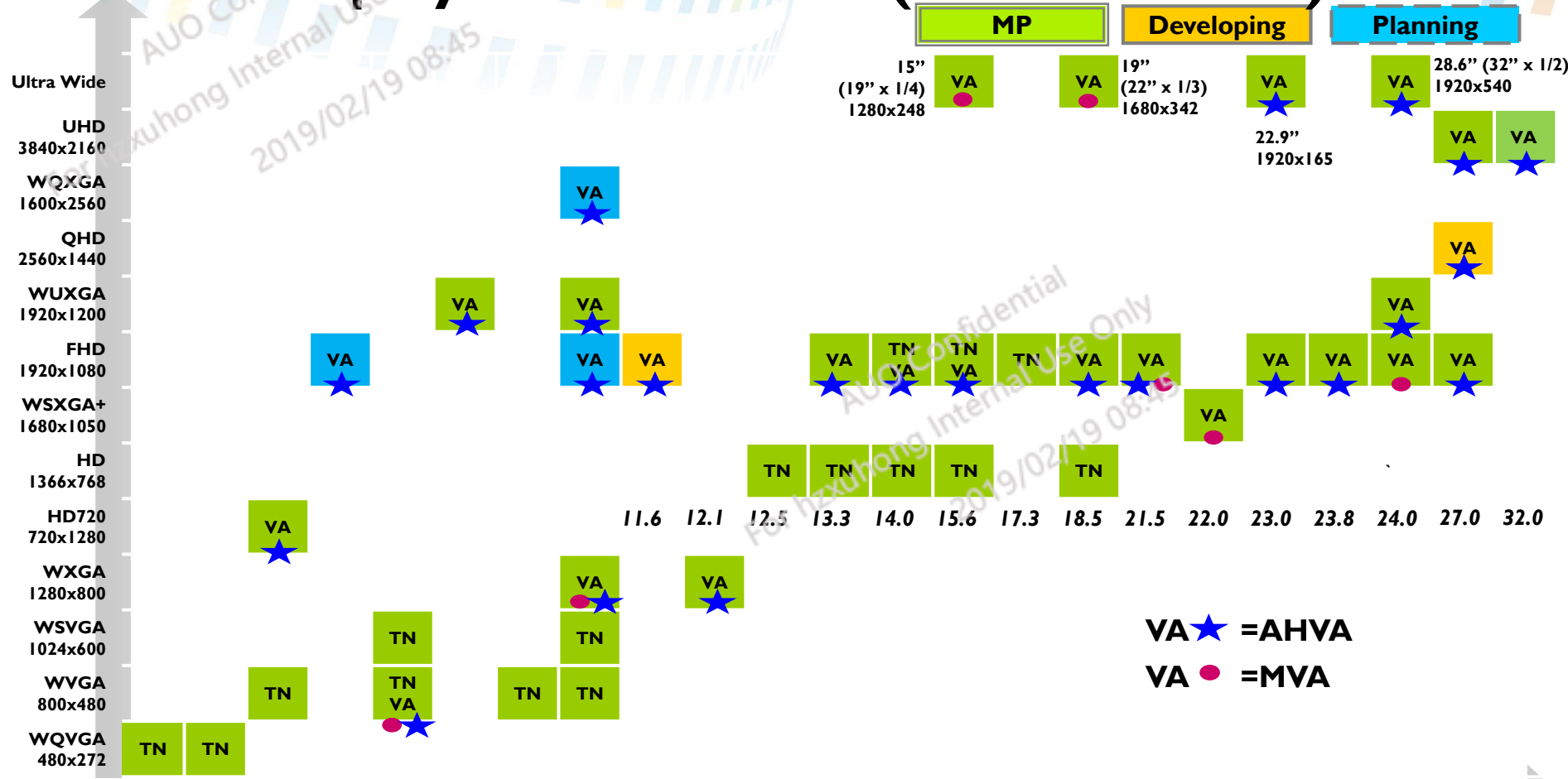
GD LCD Product Roadmap

AUO Confidential
For hzxuhong Internal Use Only
2019/02/19 08:45

General Display LCM Product (Square Format)



General Display LCM Product (Wide Format)



MP

Developing

Planning

15"
(19" x 1/4)
1280x248

VA

VA

19"
(22" x 1/3)
1680x342

VA

22.9"
1920x165

VA

28.6" (32" x 1/2)
1920x540

VA

VA

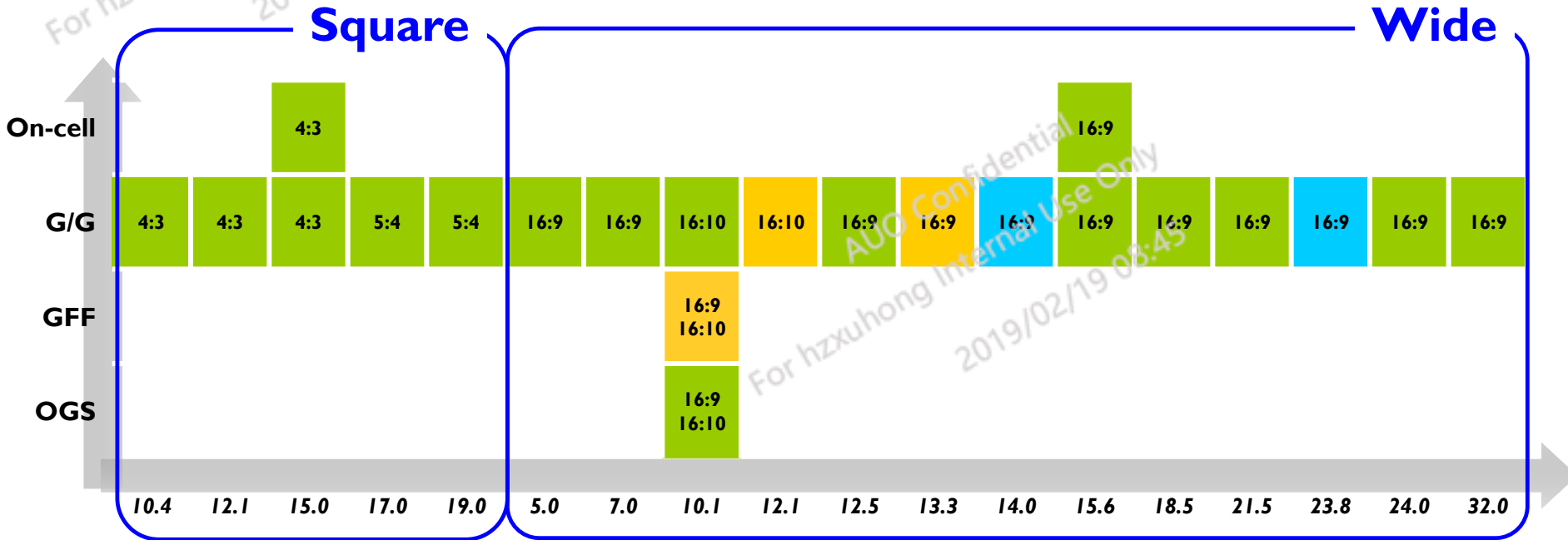
VA ★ = AHVA

VA ● = MVA

General Display P-Cap Touch Panel Line Up



MP Developing Planning



2.7"~3" Models

MP

Developing

Planning

MP

2019 H1

2019 H2

2.7"
QVGA
320x240
(Delta)

Oct.14

A027DTN01.9
310 nits, 120/110
0~60 °C, 10K
Digital, 6bit+FRC, w/o D.

3.0"
QVGA
320x240
(Delta)

Oct.13

A030DTN01.2
300 nits, 120/110
0~60 °C, 10K
Digital, 6bit+FRC, w/o D.

3.0"
VGA
680x480

Apr.18

A030VAN03.0
550 nits, 170/170
-10~60 °C, 10K
Digital, 8bit w/o D.

w/o D. without LED Driver

3.5”~4.3” Models

MP

Developing

Planning

MP

2019 H1

2019 H2

3.5”
QVGA
320x240

Jul.11

A035QN05 VI

300 nits, 120/105
-10~70 °C, 10K
Digital, 6bit+FRC, w/o D.

Feb.17

A035QN02 VG

430 nits, 120/105
-20~70 °C, 10K
Digital, 6 bit, w/o D.

4.0”
WQVGA
480X234
(Delta)

Nov.08

A040CN01 V3

300 nits, 90/40
0~60 °C, 10K
Analog, w/o D.

● EOL: Oct. 2019

4.3”
WQVGA
480x272

Apr.18

G043FTN01.0

550 nits, 160/120
-20~70 °C, 20K
Digital, 6bit+FRC, w/o D.

RS

G043FTN0x.x

450 nits, 130/105
-20~70 °C, 50K
Digital, 6bit+FRC, w/o D.

RS

w/o D. without LED Driver

RS

Reverse Scan

5"/ 5.46" Models

MP

Developing

Planning

MP

2019 H1

2019 H2

5.0"
WVGA
800x480

Oct.14

G050VTN01.1
1000 nits, 150/140
-20~70 °C, 40K
Digital, 6bit+FRC, w/o D.

Aug.15

G050VTN01.0
370 nits, 150/140
-20~70 °C, 20K
Digital, 6bit+FRC, w/o D.

5.0"
HD720
720*1280

Sep.18

G050TAN01.0
600 nits, 178/178
-20~70 °C, 10K
mipi, 8bit, w/o D.

5.46"
FHD
1080*1920

G055HAN0x.x
500 nits, 178/178
-20~70 °C, 10K
mipi, 8bit, w/o D.

MIPI interface

w/o D. without LED Driver

5.7" / 6.5" Models

MP

Developing

Planning

MP

2019 H1

2019 H2

5.7"
QVGA
320x240

Oct.11

G057QN01 V2

800 nits, 160/140

-30~85 °C, 50K

Digital, 6bit

Jan.14

G057QTN01.0

500 nits, 160/140

-30~85 °C, 50K

Digital, 6bit

5.7"
VGA
640x480

Nov.11

G057VN01 V2

700 nits, 160/140

-30~85 °C, 50K

Digital, 6bit

Oct.12

G057VTN01.0

530 nits, 160/140

-30~85 °C, 50K

Digital, 6bit

Aug.14

G057VTN01.1

550 nits, 160/140

-30~85 °C, 50K

Digital, 6bit

6.5"
VGA
640x480

Oct.09

G065VN01 V2

800 nits, 160/140

-30~80 °C, 50K hrs

LVDS, 6bit+FRC

Wide Temperature Replaceable Lightbar Reverse Scan High Vibration Reliability High Brightness

7" Models

MP

Developing

Planning

MP

2019 H1

2019 H2

7.0"
WVGA
800X480

7.0"
WSVGA
1024X600

Apr.09

G070VW01 V0
400 nits, 160/160
-30~85 °C, 50K
LVDS, 6/6bit+FRC
WT RS RL

Jul.14

G070VVN01.2
600 nits, 160/160
-20~70 °C, 30K, 72%
Digital, 6/6bit+FRC, w/o D.
AMVA3 RS

Q2.19

G070VAN01.0
400 nits, 178/178
-20~70 °C, 50K
LVDS, 6bit+FRC, w/o D.
AMVA

Feb.11

A070VW08 V2
500 nits, 130/110
-20~70 °C, 10K
Digital, 6bit+Hi-FRC, w/o D.

Jan.14

G070VTN01.0
300 nits, 130/110
-20~70 °C, 30K
LVDS, 6/6bit+FRC, w/o D.

Jun.18

A070VTN06.4
500 nits, 150/120
-30~80 °C, 50K
Digital, 6bit+FRC, w/o D.
WT

Nov.16

A070VTN06.1
1250 nits, 120/100
-20~70 °C, 10K
Digital, 16bit, w/o D.
High Brightness

Oct.14

B070ATN01.0
350 nits, 150/145
-20~60 °C, 15K
LVDS, 6bit+FRC, w/o D.

Jun.18

B070ATN01.2
350 nits, 150/145
-20~60 °C, 20K
LVDS, 6bit+FRC, w/o D.

● EOL: Oct. 2019



Wide Temperature



Reverse Scan



Replaceable Lightbar

w/o D. without LED Driver



High Brightness

8" Model

MP

Developing

Planning

MP

2019 HI

2019 H2

8"
SVGA
800x600

Jul. 15

A080STN01.0
250 nits, 140/135
-10~60 °C, 10K
Digital, 6bit+FRC w/o D.

8"
XGA
1024x768

Dec. 18

A080XTN01.5
300 nits, 140/130
-10~60 °C, 15K
LVDS, 8bit, w/o D.

8"
WUXGA
1200x1920

Jun. 18

G080UAN01.0
500 nits, 178/178
-10~60 °C, 20K
mipi 8bit, w/o D.

Q2.19

G080UAN01.2
800 nits, 178/178
0~50 °C, 15K
mipi 8bit, w/o D.

MIPI interface

w/o D. without LED Driver

High Brightness

8.4" / 9" Models

MP

Developing

Planning

MP

2019 H1

2019 H2

8.4"
SVGA
800x600

G084SN03 V3 Dec.11

250 nits, 160/140
-20~70 °C, 30K
LVDS, 6bit+FRC

G084SN05 V9 Nov.11

450 nits, 160/140
-30~85 °C, 50K
LVDS, 6bit+FRC

G084SN05 V904 Nov.18

450 nits, 160/140
-30~80 °C, 50K
LVDS, 6bit+FRC

9"
WVGA
800x480

A090VW01 V3 Jun.12

250 nits, 140/125
-10~60 °C, 10K
Digital, 6bit+Hi-FRC, w/o D.

G090VTN02.0 Feb.13

300 nits, 140/120
-20~75 °C, 20K
Digital, 6bit+Hi-FRC

● EOL: Mar. 2019

Wide Temperature

Reverse Scan

Replaceable Lightbar

w/o D. without LED Driver

10.1" Models

MP

Developing

Planning

MP

2019 H1

2019 H2

10.1"
WVGA
800x480

Jul.09
A101VW01V3
300 nits, 130/110
-10~60 °C, 20K
Digital, 6bit, w/o D.
RS

10.1"
WSVGA
1024x600

Jan.15
G101STN01.0
250 nits, 140/120
-10~60 °C, 15K
LVDS, 6bit+Hi-FRC

Aug.15
G101STN01.4
350 nits, 140/120
-10~60 °C, 50K
LVDS, 6bit+Hi-FRC

May.18
G101STN01.6
250 nits, 140/120
-10~60 °C, 15K
LVDS, 6bit+Hi-FRC
RS

Jun.18
G101STN01.A
300 nits, 140/120
-10~60 °C, 20K
LVDS, 6bit+Hi-FRC
RS

Oct.15
G101STN01.2
350 nits, 140/120
-10~60 °C, 30K
Digital, 6bit+Hi-FRC, w/o D.

Dec.18
G101STN01.D
450 nits, 140/120
-10~60 °C, 50K
LVDS, 6bit+Hi-FRC

Q1.19
G101STN01.C
500 nits, 140/120
-30~80 °C, 50K
LVDS, 6bit+Hi-FRC
WT

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

10.1" Models

MP

Developing

Planning

10.1" WXGA 1280x800

MP

Apr.13

GI01EVN01.0
 300 nits, 170/170
 -20~60 °C, 15K
 LVDS, 6bit

Apr.16

GI01EVN01.3
 500 nits, 170/170
 -20~70 °C, 50K
 LVDS, 6bit+FRC

Jun. 18

GI01EVN01.5
 400 nits, 170/170
 -20~60 °C, 15K
 LVDS, 6bit+FRC

Dec. 17

GI01EVN03.1
 1000 nits, 170/170
 -20~60 °C, 50K
 LVDS, 6bit+FRC, w/o D.

10.1" WXGA 800x1280

2019 HI

Q3. 19

GI01EAN02.1
 400 nits, 178/178
 -20~60 °C, 20K
 LVDS, 6bit+FRC

2019 H2

GI01EAN02.x
 500 nits, 178/178
 -20~70 °C, 50K
 LVDS, 6bit+FRC

GI01EAN0y.y
 400 nits, 178/178
 -20~60 °C, 20K
 eDP, 6bit+FRC

Q3. 19

GI01EAN01.0
 350 nits, 178/178
 0~50 °C, 15K
 mipi 8bit, w/o D.

GI01EVN02.x
 1500 nits, 170/170
 -30~80 °C, 50K
 LVDS, 8bit

High Brightness

eDP embedded Display Port interface

mipi MIPI interface

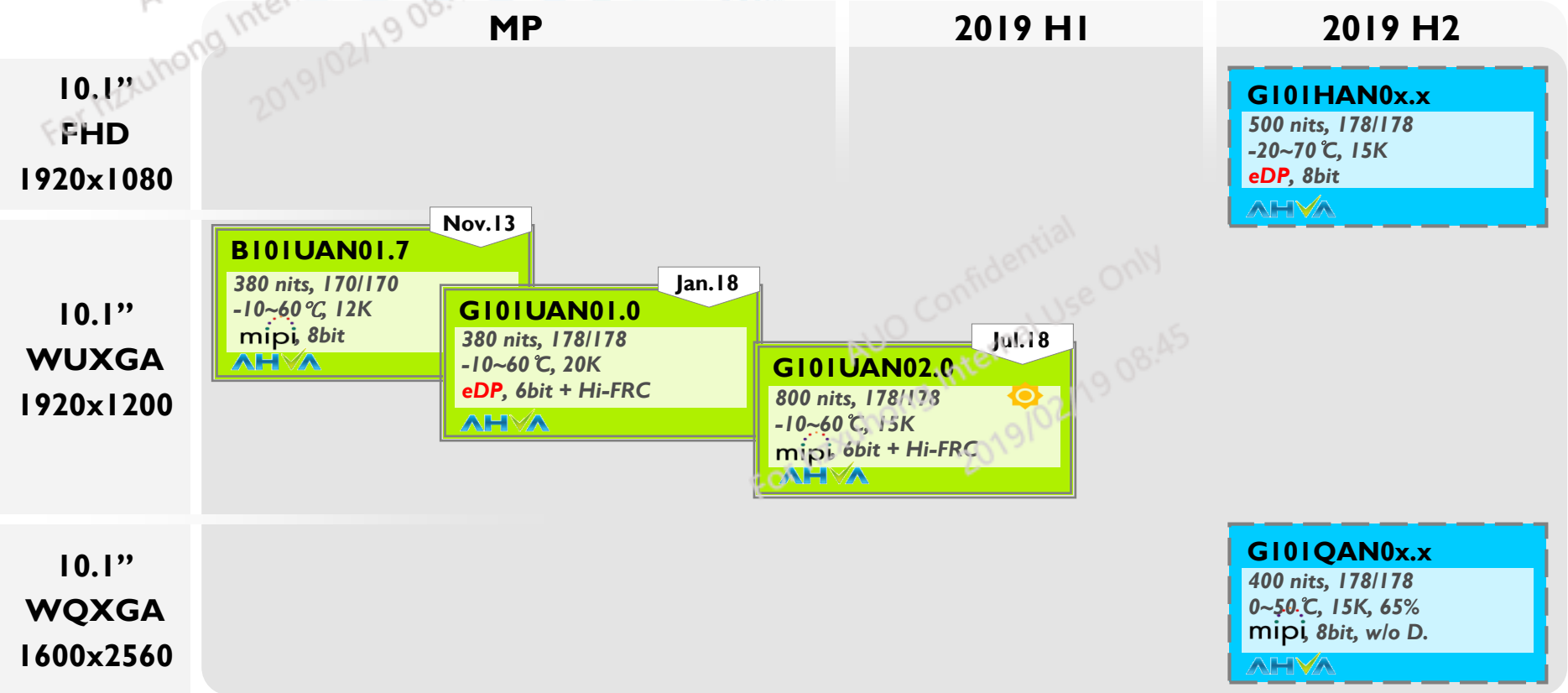
w/o D. without LED Driver

10.1" Models

MP

Developing

Planning



eDP embedded Display Port interface

mipi MIPI interface

High Brightness

w/o D. without LED Driver

10.4" Models

MP

Developing

Planning

MP

2019 H1

2019 H2

10.4"
VGA
640x480

GI04VN01 V1 May.09
 450 nits, 160/140
 -30~85 °C, 50K
 LVDS, 6bit+FRC

10.4"
SVGA
800x600

AI04SN03 V1 Dec.08
 350 nits, 150/110
 -10~60 °C, 10K
 Digital, 8bit, w/o D.

GI04SN03 V5 Oct.11
 230 nits, 160/130
 -20~70 °C, 30K
 LVDS, 6bit+FRC

GI04STN01.0 Jan.14
 400 nits, 160/130
 -30~80 °C, 50K
 LVDS, 6bit+FRC

10.4"
XGA
1024x768

GI04XVN01.0 Jul.13
 470 nits, 178/178
 -30~80 °C, 50K
 LVDS, 6bit+FRC

Wide Temperature

Reverse Scan

Replaceable Lightbar

w/o D. without LED Driver

11.6" Model



MP

Developing

Planning

MP

2019 H1

2019 H2

11.6"
FHD
1920x1080

Flat Type

Q2. 19

G116HAN01.0

300 nits, 178/178
0~50°C, 15K
eDP, 8bit

eDP embedded Display Port interface

12.1" Models

MP

Developing

Planning

MP

2019 H1

2019 H2

12.1" SVGA
800x600

GI21SN01 V4 May.09
450 nits, 160/140
-30~85 °C, 50K
LVDS, 6/6bit+FRC
WT RS RL

GI21STN01.0 Aug.12
300 nits, 160/140
-30~85 °C, 30K
LVDS, 6/6bit+FRC
WT RS RL

GI21SN01 V403 Apr.16
500 nits, 160/140
-30~85 °C, 50K
LVDS, 6/6bit+FRC
WT RS

GI21STN02.0 Q2.19
500 nits, 160/140
-30~85 °C, 50K
LVDS, 6/6bit+FRC
WT RS

12.1" XGA
1024x768

GI21XN01 V0 May.10
500 nits, 160/160
-30~85 °C, 50K, 70%
LVDS, 6/6bit+FRC
WT RS RL RGBW

GI21XTN01.0 Mar.14
500 nits, 160/160
-30~85 °C, 50K, 72%
LVDS, 6/6bit+FRC
WT RS RL RGBW

GI21XN01 V001 Jun.16
500 nits, 160/140
-30~85 °C, 50K, 72%
LVDS, 6/6bit+FRC
WT RS

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

12.1" Models

MP

Developing

Planning

MP

2019 H1

2019 H2

12.1"
WXGA
1280x800

Apr.17

G121EAN01.0
500 nits, 178/178
-30~85 °C, 70K, 72%
LVDS, 6/6bit+Hi-FRC
WT AH ✓

Apr.17

G121EAN01.1
400 nits, 178/178
-30~85 °C, 50K, 72%
LVDS, 6/6bit+Hi-FRC
WT AH ✓

Jun.18

G121EAN01.2
1000 nits, 178/178
-30~85 °C, 50K, 72%
LVDS, 6/6bit+Hi-FRC
WT AH ✓

May.18

G121EAN01.3
1500 nits, 178/178
-30~85 °C, 50K, 72%
LVDS, 6bit+Hi-FRC, w/o D.
WT AH ✓

Q2.19

G121EAN01.4
300 nits, 178/178
-30~85 °C, 30K, 72%
LVDS, 6/6bit+Hi-FRC
WT AH ✓

Wide Temperature High Brightness

12.5" / 13.3" / 14" HD Models



MP

Developing

Planning

MP

2019 H1

2019 H2

12.5"
HD
1366x768

Mar.16
B125XTN03.0
300 nits, 140/120
0~50 °C, 15K
eDP, 6bit

Flat Type

13.3"
HD
1366x768

Sep.17
G133XTN01.2
300 nits, 140/110
-20~60 °C, 20K
LVDS, 6bit+FRC

Flat Type

14.0"
HD
1366x768

Aug.17
G140XTN01.0
220 nits, 90/50
0~50 °C, 15K
eDP, 6bit

Flat Type

eDP embedded Display Port interface

13.3" / 14" FHD Models

MP

Developing

Planning

MP

2019 H1

2019 H2

**13.3"
FHD
1920x1080**

Jul.16

GI33HAN01.0
400 nits, 178/178
0~70 °C, 50K, 90%
LVDS, 8bit

Feb.19

GI33HAN02.0
400 nits, 178/178
0~50 °C, 30K
eDP, 6bit+FRC

Flat Type

**14.0"
FHD
1920x1080**

Apr.18

GI40HAN01.1
400 nits, 178/178
0~50 °C, 50K, 72%
eDP, 6bit+FRC

Aug.18

BI40HTN01.2
300 nits, 90/50
0~50 °C, 15K,
eDP, 6bit

Flat Type

eDP embedded Display Port interface

Slim thickness

I5" Models

MP

Developing

Planning

2019 H1

2019 H2

MP

Mar.17

GI50XTN03.6

250 nits, 90/60
0~65 °C, 50K
LVDS, 6bit+FRC

Slim

Apr.17

GI50XTN03.7

250 nits, 90/60
0~65 °C, 50K
eDP, 6bit+FRC

Slim

Nov.16

GI50XTN03.4

350 nits, 160/150
0~65 °C, 50K
eDP, 6bit+FRC

Slim

Nov.16

GI50XTN03.5

350 nits, 160/150
0~65 °C, 50K
LVDS, 6bit+FRC

Slim

Nov.17

GI50XTN03.8

400 nits, 160/150
0~60 °C, 50K
eDP, 6bit+FRC

Slim 6.8t

I5"
XGA
1024x768
(TN)

eDP embedded Display Port interface

Slim thickness

15" Models (WT)

MP

Developing

Planning

MP

2019 H1

2019 H2

15"
XGA
1024x768
(TN)

<p>GI50XTN06.0 Sep.14</p> <p>450 nits, 160/150 -30~85 °C, 50K LVDS, 6bit+FRC</p> <p> </p>	<p>GI50XTN06.6 Apr.17</p> <p>450 nits, 160/150 -30~85 °C, 50K eDP, 6bit+FRC</p> <p> </p>	<p>GI50XTK01.0 Apr.18</p> <p>390 nits, 160/150 -30~85 °C, 50K LVDS, 6bit+FRC</p> <p> </p>
<p>GI50XTN06.1 Sep.14</p> <p>500 nits, 160/150 -20~70 °C, 50K LVDS, 6bit+FRC</p> <p> </p>	<p>GI50XTN06.8 Apr.17</p> <p>450 nits, 160/150 -30~85 °C, 50K LVDS, 6bit+FRC</p> <p> </p>	
<p>GI50XTN06.2 Mar.15</p> <p>300 nits, 160/150 -30~85 °C, 50K LVDS, 6bit+FRC</p> <p></p>	<p>GI50XTN06.5 Mar.16</p> <p>300 nits, 160/150 -20~70 °C, 50K LVDS, 6bit+FRC</p>	
<p>GI50XTN06.4 Nov.15</p> <p>400 nits, 160/150 -30~85 °C, 50K LVDS, 6bit+FRC</p> <p> </p>	<p>GI50XTN06.7 Apr.17</p> <p>350 nits, 160/150 -30~85 °C, 50K eDP, 6bit+FRC</p> <p> </p>	

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

I5" Models (WT)

MP

Developing

Planning

MP

2019 H1

2019 H2

I5"
XGA
1024x768
(TN)

Mar.17

GI50XTN06.3

1600 nits, 160/150
-30~70 °C, 50K
LVDS, 6bit+FRC

Nov.18

GI50XTN06.A

1800 nits, 160/150
-30~70 °C, 50K
LVDS, 6bit+FRC

Dec.17

GI50XTN06.9

1600 nits, 160/150
-30~70 °C, 50K
LVDS, 6bit+FRC

Q1.19

GI50XTN06.B

800 nits, 160/150
-30~70 °C, 50K
LVDS, 6bit+FRC

Slim thickness

Anti Reflection

High Brightness

15" Models

15"
XGA
1024x768
(VA)

MP

Apr.14

G150XVN01.0

300 nits, 178/178
-10~70°C, 50K, 72%
LVDS, 6/6bit+Hi-FRC

Slim MVA

Mar.15

G150XVN01.1

300 nits, 178/178
-10~70°C, 30K, 72%
LVDS, 6/6bit+Hi-FRC

Slim MVA

Jun.18

G150XVN01.2

400 nits, 178/178
-10~70°C, 50K, 72%
LVDS, 6/6bit+Hi-FRC

Slim MVA

MP

Developing

Planning

2019 H1

Q1.19

G150XAN01.0

400 nits, 178/178
-20~70°C, 50K
LVDS, 6bit+FRC

Slim AH VA

Q1.19

G150XAN01.1

500 nits, 178/178
-20~70°C, 50K
LVDS, 6bit+FRC

Slim AH VA

Dec.18

G150XAN01.2

500 nits, 178/178
-20~70°C, 50K
LVDS, 6bit+FRC

Slim AH VA 6.8t

2019 H2

Q1.19

G150XAN02.0

500 nits, 178/178
-30~85°C, 50K
LVDS, 6bit+FRC

Slim AH VA

Q1.19

G150XAN02.1

800 nits, 178/178
-20~75°C, 50K
LVDS, 6bit+FRC

Slim AH VA

Q1.19

G150XAN03.0

400 nits, 178/178
-20~70°C, 50K
eDP, 6bit+FRC **SNB**

Slim AH VA 6.8t

Q2.19

G150XAB03.0

400 nits, 178/178
-20~70°C, 50K
eDP, 6bit+FRC **SNB**

Slim AH VA oTP

Slim thickness

High Brightness

On-cell Touch with Cover lens

15.6" Models

MP

Developing

Planning

MP

2019 H1

2019 H2

15.6"
HD
1366x768

July.11

GI56XW01 V1
400 nits, 170/160
0~60 °C, 50K
LVDS, 6bit+FRC

Jul.18

GI56XTN01.0
400 nits, 170/130
-30~85 °C, 50K
LVDS, 6bit+FRC

Slim WT

Mar. 19

GI56XTN02.1
250nits, 140/80
0~50 °C, 15K
eDP, 6bit

Slim

Flat Type

Nov.15

GI56XW01 V3
400 nits, 170/160
0~60 °C, 50K
LVDS, 6bit+FRC

Slim

Dec.18

GI56XTN02.0
220 nits, 90/50
0~50 °C, 15K
eDP, 6bit

Slim

Flat Type

Oct.16

GI56XW01 V302
500 nits, 170/160
0~60 °C, 50K
LVDS, 6bit+FRC

Slim

Oct.18

GI56XW01 V4
500 nits, 170/160
0~60 °C, 50K
eDP, 6bit+FRC

Slim

eDP embedded Display Port interface

Slim Slim thickness

WT Wide Temperature

15.6" Models

MP

Developing

Planning

MP

2019 H1

2019 H2

Oct.14

GI56HTN01.0
 300 nits, 160/140
 -10~60 °C, 15K
 eDP, 6bit
 Slim Flat Type

Jun.16

GI56HTN02.0
 400 nits, 160/140
 -10~70 °C, 50K, 72%
 LVDS, 8bit
 Slim

Dec.18

GI56HAB01.0
 300 nits, 178/178
 0~50 °C, 30K
 eDP, 6bit+FRC
 Slim AHVA oTP Flat Type

GI56HAB02.x
 400nits, 178/178
 0~50 °C, 50K
 eDP, 6bit+FRC
 Slim AHVA oTP **SNB**

Nov.17

GI56HAN02.0
 500 nits, 178/178
 -20~70 °C, 50K, 72%
 eDP, 6bit+FRC
 Slim AHVA

Jul.18

GI56HAN02.1
 500 nits, 178/178
 -20~70 °C, 50K, 72%
 LVDS, 8bit
 Slim AHVA

Q2.19

GI56HAN03.0
 300 nits, 178/178
 0~50 °C, 30K
 eDP, 6bit+FRC
 Slim AHVA **SNB** Flat Type

15.6" FHD 1920x1080

eDP embedded Display Port interface

Slim Slim thickness

oTP On-cell Touch with Cover lens

17"/17.3" Models

MP

Developing

Planning

MP

2019 H1

2019 H2

17"
SXGA
1280x1024

GI70EG01 V1 Aug.11
 350 nits, 160/140
 -30~85 °C, 50K, 72%
 LVDS, 6bit+Hi-FRC

GI70ETN01.0 Sep.13
 350 nits, 170/160
 0~50 °C, 50K, 72%
 LVDS, 6bit+Hi-FRC

GI70ETN02.0 Jul.17
 400 nits, 160/140
 -30~85 °C, 50K, 90%
 LVDS, 8bit

GI70ETN02.1 Jul.17
 800 nits, 160/140
 -30~85 °C, 50K, 72%
 LVDS, 8bit, w/o D.

GI70ETN03.1 Q2.19
 400 nits, 170/160
 0~50 °C, 30K, 72%
 LVDS, 6bit+Hi-FRC, w/o D.

17"
FHD
1920x1920

GI70HAN01.x
 350 nits, 178/178
 -20~60 °C, 50K, 72%
 eDP, 8bit

17.3"
FHD
1920x1080

GI73HW01 V0 Feb.12
 400 nits, 160/140
 0~70 °C, 50K, 72%
 LVDS, 6bit+Hi-FRC

Wide Temperature Replaceable Lightbar

w/o D. without LED Driver High Brightness

eDP embedded Display Port interface

18.5" Models

MP

Developing

Planning

MP

2019 H1

2019 H2

**18.5" HD
1366x768**

Aug.11

GI85XW01 V1
300 nits, 170/160
0~60 °C, 50K
LVDS, 6bit+Hi-FRC
 RL

Dec.17

GI85XTN01.1
450 nits, 170/160
0~60 °C, 50K, 72%
eDP, 6bit+Hi-FRC

Jun.15

GI85XW01 V2
450 nits, 170/160
0~60 °C, 50K
LVDS, 6bit+Hi-FRC

Dec.17

GI85XW01 V201
450 nits, 170/160
0~60 °C, 50K, 72%
LVDS, 6bit+Hi-FRC

**18.5" FHD
1920x1080**

Aug.16

GI85HAN01.0
350 nits, 178/178
-20~70 °C, 50K, 72%
LVDS, 8bit

May.18

GI85HAN01.1
500 nits, 178/178
-20~70 °C, 50K, 72%
LVDS, 8bit

GI85HAB01.x
500nits, 178/178
-20~70 °C, 50K, 72%
eDP, 8bit

eDP embedded Display Port interface

RL Replaceable Lightbar

19" Models

MP

Developing

Planning

MP

2019 H1

2019 H2

19"
SXGA
1280x1024
(TN)

July.11
G190EG01 V1
350 nits, 170/160
0~50 °C, 50K, 72%
LVDS, 6bit+Hi-FRC

Jun.14
G190ETN01.0
350 nits, 170/160
0~50 °C, 30K, 72%
LVDS,6bit+Hi-FRC,w/o D.

Jul.14
G190ETN01.2
350 nits, 170/160
-30~85 °C, 50K,
LVDS, 6bit+Hi-FRC
WT

Jun.16
G190ETN01.4
450 nits, 170/160
-30~85 °C, 50K, 90%
LVDS, 6bit+Hi-FRC
WT

Oct.16
G190ETN01.6
1600 nits, 170/160
-30~70 °C, 50K
LVDS, 6bit+Hi-FRC
AR

May.19
G190ETN01.8
800 nits, 170/160
-30~70 °C, 50K
LVDS,6bit+Hi-FRC,w/o D.

G190ETN01.x
400nits, 170/160
0~50 °C, 30K, 72%
LVDS, 6bit+Hi-FRC,w/o D.

WT Wide Temperature

AR Anti Reflection

w/o D. without LED Driver

High Brightness

19" Models



MP

Developing

Planning

MP

2019 H1

2019 H2

Apr. 11

G190EG02 V0

600 nits, 178/178

0~50 °C, 50K

LVDS, 8bit



Jun. 11

G190EG02 V1

300 nits, 178/178

0~60 °C, 50K

LVDS, 8bit



Jul. 17

G190EG02 V104

350 nits, 178/178

-15~70 °C, 50K

LVDS, 8bit



19"
SXGA
1280x1024
(VA)

19" Models

MP

Developing

Planning

MP

2019 H1

2019 H2

19"
SXGA
1280x1024
(AHVA)

Jan.14	May.17
G190EAN01.0 300 nits, 178/178 0~50 °C, 50K, 72% LVDS, 8bit 	G190EAN01.3 330 nits, 178/178 0~50 °C, 50K, 72% LVDS, 8bit
Jun.15	Jun.15
G190EAN01.1 1300 nits, 178/178 0~50 °C, 100K LVDS, 8bit MONO	G190EAN01.2 1300 nits, 178/178 0~50 °C, 100K LVDS, 8bit MONO
8000K	10500K
Nov.17	
G190EAN01.5 700 nits, 178/178 0~50 °C, 50K, 72% LVDS, 8bit 	

MONO Monochrome High Brightness

21.3"/21.5" Models

MP

Developing

Planning

2019 H1

2019 H2

21.3"
QXGA
2048x1536
(AHVA)

MP

Sep.16

G213QAN01.0
800 nits, 178/178
0~60 °C, 50K, 72%
LVDS, 10bit
AHVA

21.5"
FHD
1920x1080

Apr.12

G215HVN01.0
300 nits, 178/178 0~60 °C,
50K, 75%
LVDS, 8bit
AMVA3

May.14

G215HVN01.1
250 nits, 178/178 0~60 °C,
30K, 72%
LVDS, 8bit
AMVA3

Nov.17

G215HAN01.0
400 nits, 178/178
0~60 °C, 50K, 72%
LVDS, 8bit
AHVA

Apr.18

G215HAN01.2
350 nits, 178/178
0~60 °C, 50K, 72%
LVDS, 6bit+Hi-FRC, w/o D.
AHVA

Sep.18

G215HAN01.201
300 nits, 178/178
0~60 °C, 50K, 72%
LVDS, 6bit+Hi-FRC, w/o D
AHVA

Sep.18

G215HAN01.3
250 nits, 178/178
0~60 °C, 50K, 72%
LVDS, 6bit+Hi-FRC, w/o D
AHVA

w/o D. without LED Driver High Brightness

22"/23"/23.8" Models

MP

Developing

Planning

2019 H1

2019 H2

22"
WSXGA+
1680x1050

MP
Jun.13

G220SVN01.0
250 nits, 178/178
0~50 °C, 30K
LVDS, 6bit+Hi-FRC

MVA

● EOL: Extended to Dec. 2019

23"
FHD
1920x1080

Sep.16

G230HAN01.1
300 nits, 178/178
0~50 °C, 30K, 72%
LVDS, 8bit, w/o D.

AHV

23.8"
FHD
1920x1080

May.16

G238HAN01.0
250 nits, 178/178
0~50 °C, 30K, 75%
LVDS, 6bit+Hi-FRC, w/o D.

AHV

Jan.18

G238HAN01.1
400 nits, 178/178
0~50 °C, 50K, 72%
LVDS, 8bit, w/o D.

AHV

Jan.18

G238HAN01.2
400 nits, 178/178
0~50 °C, 30K, 83%
LVDS, 8bit, w/o D.

AHV

Jul.19

G238HAN01.3
625 nits, 178/178
0~50 °C, 50K, 72%
LVDS, 8bit, w/o D.

AHV

w/o D. without LED Driver

24"/27" Models

MP

Developing

Planning

MP

2019 H1

2019 H2

24"
FHD
1920x1080

Sep.11

G240HW01V0
300 nits, 178/178
-20~70 °C, 50K, 72%
LVDS, 8bit
AMVA3

Mar.17

G240HW01V1
300 nits, 178/178
-20~70 °C, 50K, 72%
LVDS, 8bit
AMVA3

24"
WUXGA
1920x1200

Nov.16

G240UAN01.0
900 nits, 178/178 0~50 °C,
50K, 78%
LVDS, 8bit+Hi-FRC
AHVA

Nov.16

G240UAN01.1
850 nits, 178/178 0~50 °C,
50K, 88%
LVDS, 8bit+Hi-FRC
AHVA

Sep.18

M240UAN01.0
300 nits, 178/178 0~50 °C,
30K, 78%
LVDS, 6bit+Hi-FRC, w/o D
AHVA

27"
FHD
1920x1080

May.18

G270HAN01.0
1000 nits, 178/178 0~50 °C,
50K, 87%
LVDS, 10bit
AHVA

May.19

G270HAN01.2
400 nits, 178/178
0~50 °C, 50K, 72%
LVDS, 6bit+Hi-FRC, w/o D.
AHVA

27"
QHD
2560x1440

Mar.19

G270QAN01.0
350 nits, 178/178
0~50 °C, 30K, Adobe 100%
LVDS, 8bit, w/o D.
AHVA

Aug.19

G270QAN02.0
350 nits, 178/178
0~50 °C, 30K, sRGB99%
LVDS, 8bit, w/o D.
AHVA Borderless



High Brightness

w/o D. without LED Driver

27"/ 32" Models

MP

Developing

Planning

MP

2019 H1

2019 H2

27"
UHD
3840x2160

32"
UHD
3840x2160

Feb.17

G270ZAN01.0
800 nits, 178/178 0~50 °C,
50K, 93%
eDP, 8bit+Hi-FRC

Jan.18

G270ZAN01.1
800 nits, 178/178
0~50 °C, 50K, 93%
V by I, 8bit+Hi-FRC

Feb.18

G320ZAN01.0
700 nits, 178/178
0~50 °C, 30K, Adobe 100%
V by I, 8bit+Hi-FRC

May.19

G270ZAN01.5
400 nits, 178/178
0~50 °C, 50K, 93%
eDP, 8bit+Hi-FRC, w/o D.

G270ZAN01.x
350 nits, 178/178
0~50 °C, 30K, Adobe 100%
eDP, 8bit, w/o D.

eDP embedded Display Port interface

High Brightness

w/o D. without LED Driver

Bar Type Models

MP

Developing

Planning

MP

2019 H1

2019 H2

Jun.12

G15IEVN01.0

300 nits, 178/178
0~50 °C, 50K
LVDS, 8bit

MVA

15"
(19" x 1/4)
1280x248

Aug.11

G190SF01 V0

300 nits, 178/178 0~60 °C,
50K, 72%
LVDS, 6bit+Hi-FRC

MVA

19"
(22" x 1/3)
1680x342

EOL: Extended to Dec. 2019

Apr.17

G286HAN01.0

1000 nits, 178/178
-10~60 °C, 50K, 72%
LVDS, 8bit, w/o D.



28.6"
(32" x 1/2)
1920x540

w/o D. without LED Driver High Brightness

Bar Type Models

MP

Developing

Planning

MP

2019 H1

2019 H2

Nov.18

G229HAN01.0

500 nits, 178/178

0~50 °C, 50K, 72%

LVDS, 8bit

SNB



May.19

G229HAF01.0

700 nits, 178/178

0~50 °C, 50K, 72%

HDMI, 8bit



SNB



Monitor

Jun.19

G229HAF02.0

700 nits, 178/178

0~50 °C, 50K, 72%

Android



SNB



AIO Monitor

22.9"
1920x165

High Brightness

Total Solution Models (R-TP)



MP

Developing

Planning

MP

2019 H1

2019 H2

3.5"
QVGA
320x240

Jul 14

A035QN05 V2
300 nits, 120/105
0~60 °C, 10K
Digital, 6bit+FRC, w/o D.
(Air Bond)

4.3"
WQVGA
480x272

Nov.11

G043FTT01.0
400 nits, 130/105
0~70 °C, 10K
Digital, 8bit, w/o D.
RS (Air Bond)

7.0"
WVGA
800X480

Apr.14

G070VTT01.0
380 nits, 130/110
-20~70 °C, 15K
Digital, 6bit, w/o D.
(Air Bond)



Reverse Scan

w/o D. without LED Driver

Total Solution Models (P-Cap)



MP

Developing

Planning

MP

2019 H1

2019 H2

10.1"
WSVGA
1024x600

Jun.16

GI01STT01.0
385 nits, 140/120
-10~60 °C, 30K
LVDS, 6bit
(Air Bond)

10.1"
WXGA
1280x800

Jun.18

GI01EVT04.0
360 nits, 170/170
-20~60 °C, 15K
LVDS, 6bit
MVA **(Air Bond)**

Total Solution Models (P-Cap)

MP

Developing

Planning

MP

2019 H1

2019 H2

15"
XGA
1024x768
(TN)

Feb.18

G150XTK01.0
 390 nits, 160/150
 -30~85 °C, 50K
 LVDS, 6bit+FRC
 WT Slim oTP-Lite

G150XAB03.x
 400 nits, 178/178
 -20~70 °C, 50K
 eDP, 6bit+FRC **SNB**
 Slim oTP AHVA

eDP embedded Display Port interface

WT Wide Temperature

Slim Slim thickness

oTP On-cell Touch with Cover lens

Total Solution Models (P-Cap)

MP

Developing

Planning

MP

2019 H1

2019 H2

**15.6”
HD
1366x768
(TN)**

GI56XTT01VI Jul.16
 350nits, 170/160
 0~60 °C, 50K
 LVDS, 8bit
Slim (Air Bond)

**15.6”
FHD
1920x1080**

GI56HAT01.0 Aug.18
 425nits, 178/178
 -10~60 °C, 50K, 72%
 eDP, 6bit+FRC
Slim **AHVA** (Air Bond)

GI56HAB01.0 Dec.18
 300 nits, 178/178
 0~50 °C, 30K
 eDP, 6bit+FRC **SNB**
Slim **oTP** **AHVA**

GI56HAB02.x
 400nits, 178/178
 0~50 °C, 50K
 eDP, 6bit+FRC **SNB**
Slim **oTP** **AHVA**

Flat Type

eDP embedded Display Port interface

WT Wide Temperature

Slim Slim thickness

oTP On-cell Touch with Cover lens

Total Solution Models (P-Cap)



MP

Developing

Planning

MP

2019 H1

2019 H2

17"
SXGA
1280x1024

GI70ETT01.0
 250 nits, 170/160
 0~50 °C, 30K, 72%
 LVDS, 6bit+Hi-FRC, w/o D.
 (Air Bond)
 Jan.17

19"
SXGA
1280x1024
(TN)

GI90ETT01.x
 300 nits, 170/160
 0~50 °C, 50K, 72%
 LVDS, 6bit+Hi-FRC
 (Air Bond)

w/o D. without LED Driver

Total Solution Models (P-Cap)



MP

Developing

Planning

MP

2019 H1

2019 H2

23.8"
FHD
1920x1080

G238HAT01.x
350 nits, 178/178
0~50 °C, 50K, 72%
LVDS, 8bit
AHVA (Air Bond)

24"
FHD
1920x1080

Nov.18

G240HVT01.0
265 nits, 178/178
-20~70 °C, 50K, 72%
LVDS, 8bit
AMVA (Air Bond)

New Model Summary - I



	Model	MP Schedule
New Model	- G070VAN01.0	~ 2019/Q2
	- G080UAN01.2	~ 2019/Q2
	- G101STN01.C	~ 2019/Q1
	- G101EAN01.0	~ 2019/Q3
	- G101EAN02.1	~ 2019/Q3
	- G116HAN01.0	~ 2019/Q2
	- G121STN02.0	~ 2019/Q2
	- G121EAN01.4	~ 2019/Q2
	- G133HAN02.0	~ 2019/Feb
	- G150XTN06.B	~ 2019/Q1
	- G150XAN01.0	~ 2019/Q1
	- G150XAN01.1	~ 2019/Q1
	- G150XAN02.0	~2019/Q1
	- G150XAN02.1	~2019/Q1
	- G150XAN03.0	~ 2019/Q1
- G150XAB03.0	~ 2019/Q2	

New Model Summary - II



	Model	MP Schedule
New Model	- G156XTN02.1	~ 2019/Mar.
	- G156HAN03.0	~ 2019/Q2
	- G170ETN03.1	~ 2019/Q2
	- G190ETN01.8	~ 2019/May.
	- G229HAF01.0	~ 2019/May.
	- G229HAF02.0	~ 2019/Jun.
	- G238HAN01.3	~ 2019/Jul
	- G240HVT01.0	~ 2018/Nov
	- G270QAN01.0	~ 2019/Mar.
- G270ZAN01.5	~ 2019/May.	

EOL Model Summary

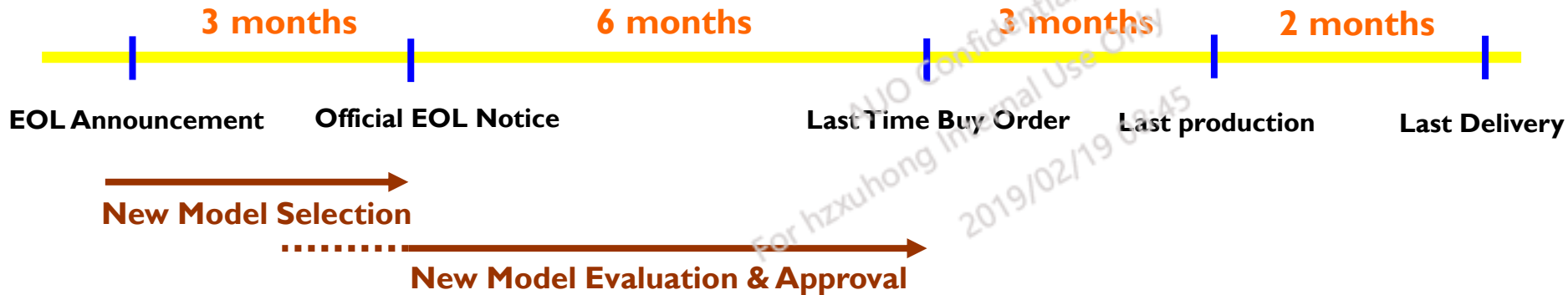


	Model	EOL Schedule	LTB order
EOL Model	-A040CN01 V3	~2019/Oct.	~2019/Jul.
	-B070ATN01.0	~2019/Oct.	~2019/Jul.
	-A090VW01 V3	~2019/Mar.	~2018/Dec.
	-G190SF01 V0	~2019/Dec.	~2019/Sep.
	-G220SVN01.0	~2019/Dec.	~2019/Sep.

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.



AUO

AUO Confidential
For hzxuhong Internal Use Only
2019/02/19 08:45

亮麗創新  曼妙生活

Bright Innovation · Amazing Life

Classify:AUO-Confidential