



General Display Product Roadmap

友达工业液晶屏代理商-杭州旭虹科技有限公司

工业液晶屏www.hzxuhong.com

AU Optronics GDBU 2018. Q2

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Mission of General Display Business Unit

– Long-term Product Support

| To respond Industrial long qualification procedure

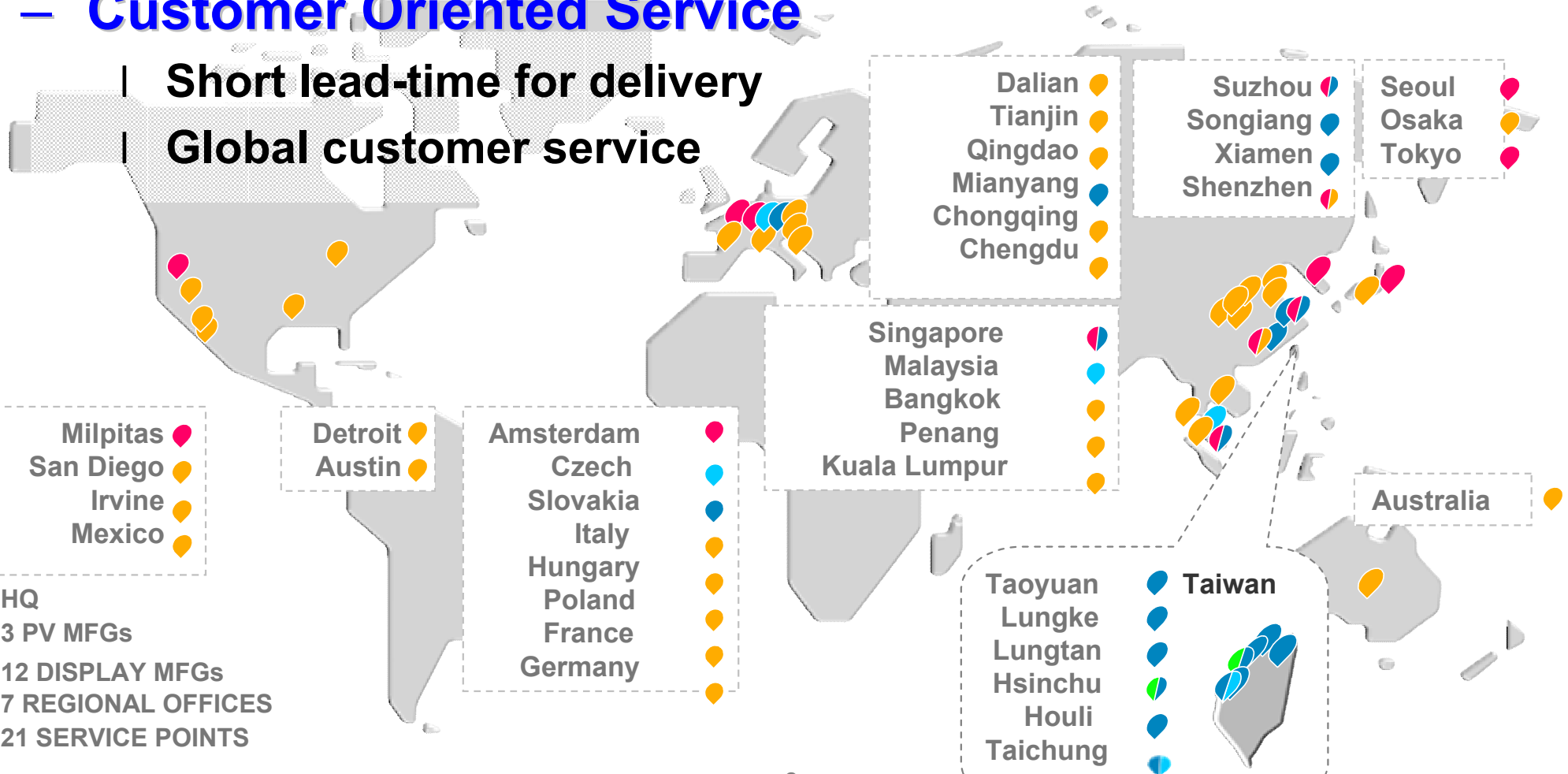
▣ Min. three years product life

▣ 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



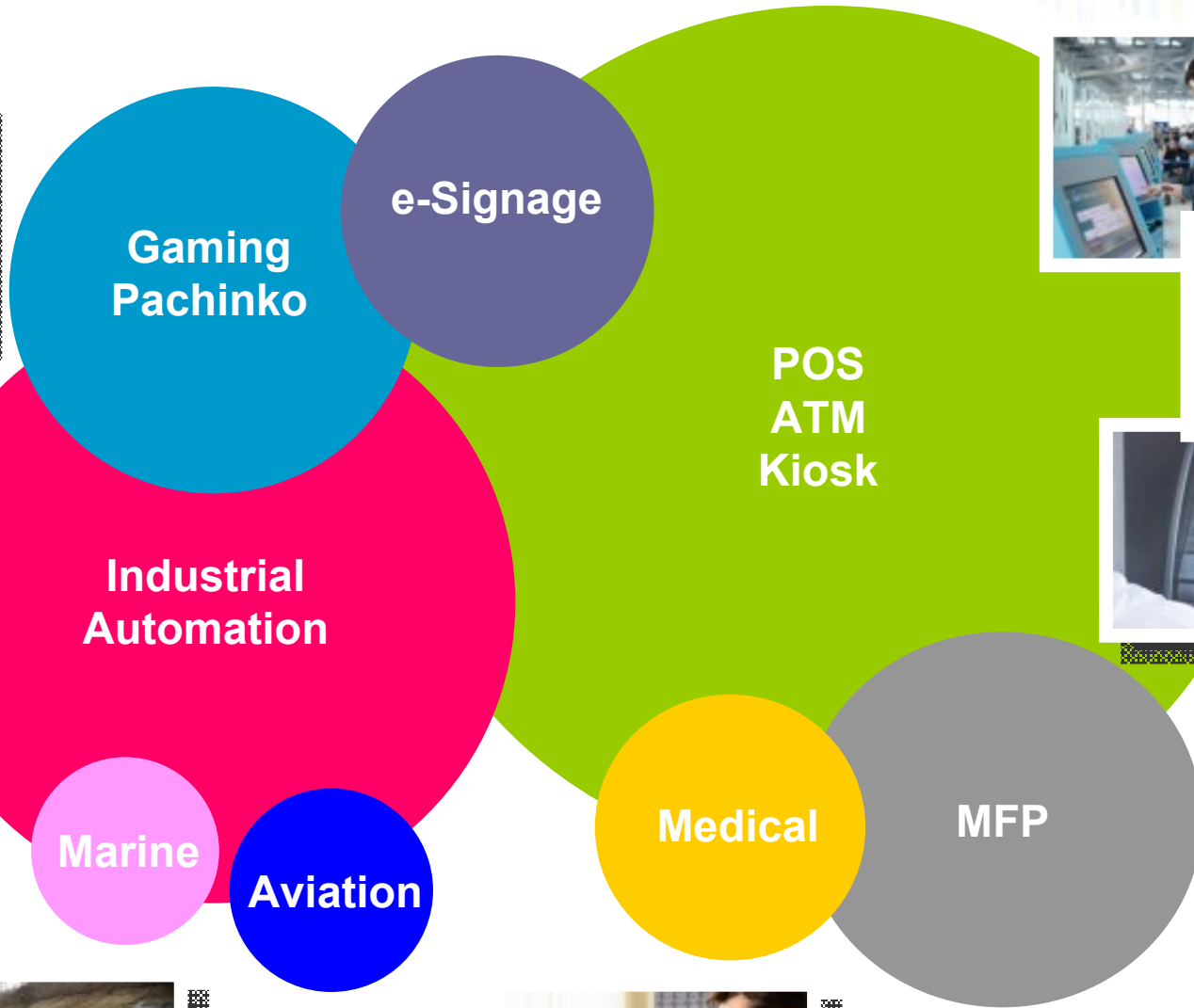
Aviation



Medical



POS
ATM
Kiosk



MFP

Mission of General Display Business Unit



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 × 60 600 × 720 mm	7" w × 32 680 × 880 mm	15.6" w × 1 8100 × 1300 mm	39" w × 6 65" w × 2 10.1" w × 72 1500 × 1850 mm

G7.5	G8.5	
50" w × 6 42" w × 8 1950 × 2250 mm	42" x 8 + 21.5" x 8 (Hybrid) 55" w × 6 2200 × 2500 mm	2500mm 2000mm 1500mm 1000mm 500mm
		1700mm

Outdoor Operation

Key Features

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



Development Milestone

Indoor



50°C

0°C

~300 nits

Semi-Outdoor

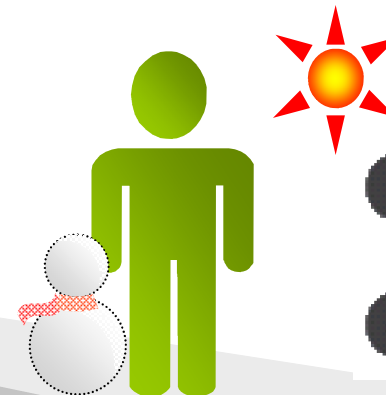


70°C

-20°C

~500 nits

Outdoor



85°C

-30°C

≥ 700 nits

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



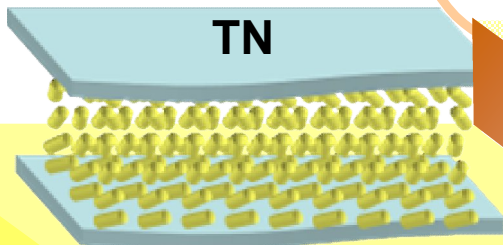
1/2 size



AUO Viewing Angle Tech. Milestone

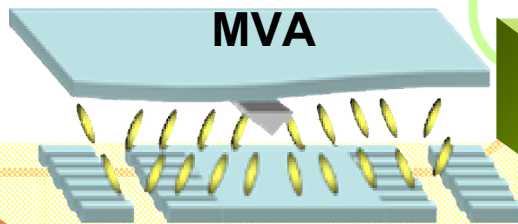


CR₂ 800:1
Viewing Angle: 80/80/70/70



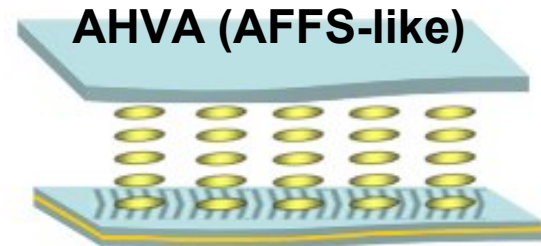
HMI/POS/ATM

CR₂ 2000:1
Viewing Angle: 89/89/89/89

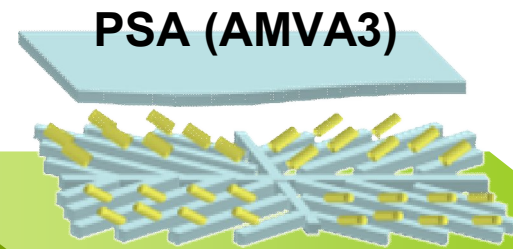


Multi-media / Gaming

CR₂ 1000:1
Viewing Angle: 89/89/89/89
Color Shift: $\Delta u'v' < 0.03 @ 60^\circ$



CR₂ 3000:1
Viewing Angle: 89/89/89/89



Medical

AUO In-house Projected Capacitive Touch

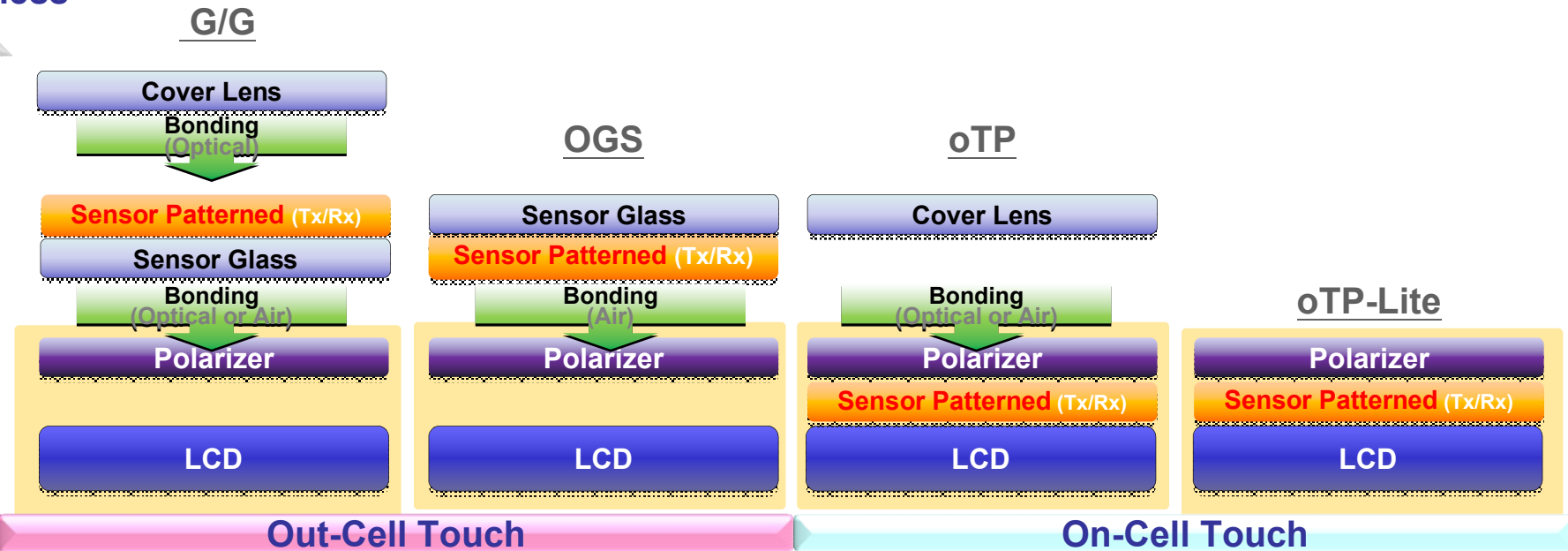


Key Features

- | 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

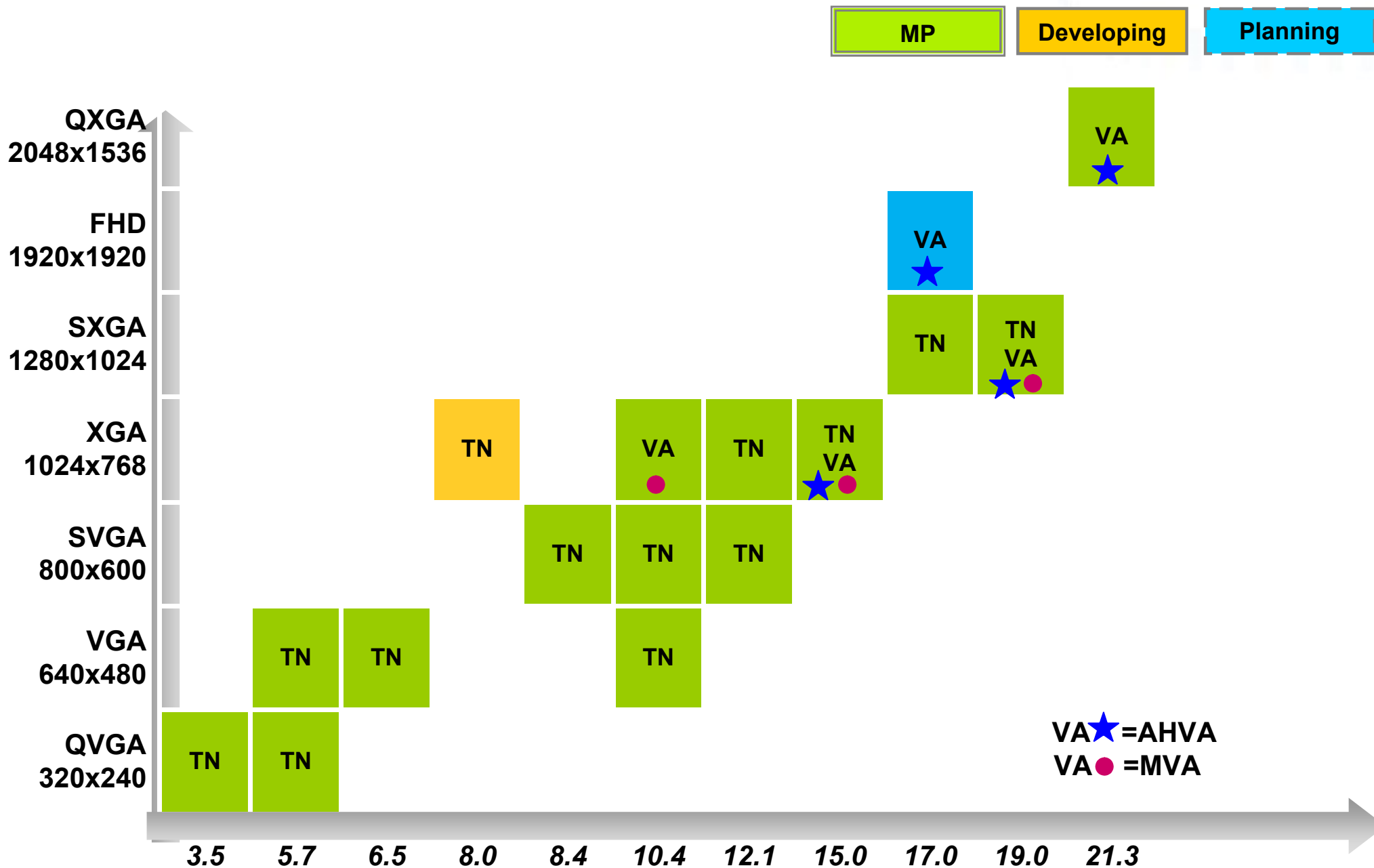
Thickness ↑



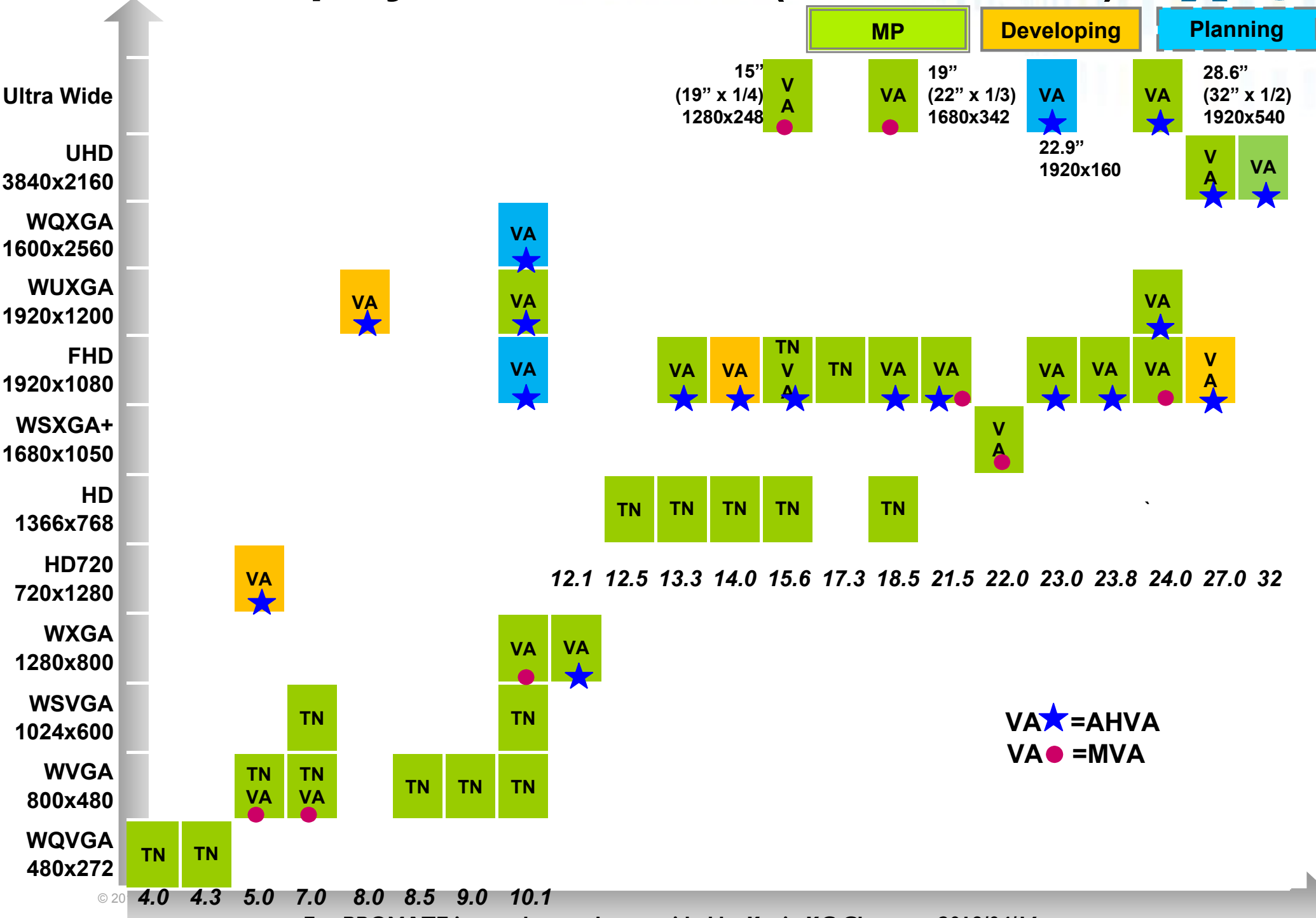
GD LCD Product Roadmap

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General Display LCM Product (Square Format)



General Display LCM Product (Wide Format)

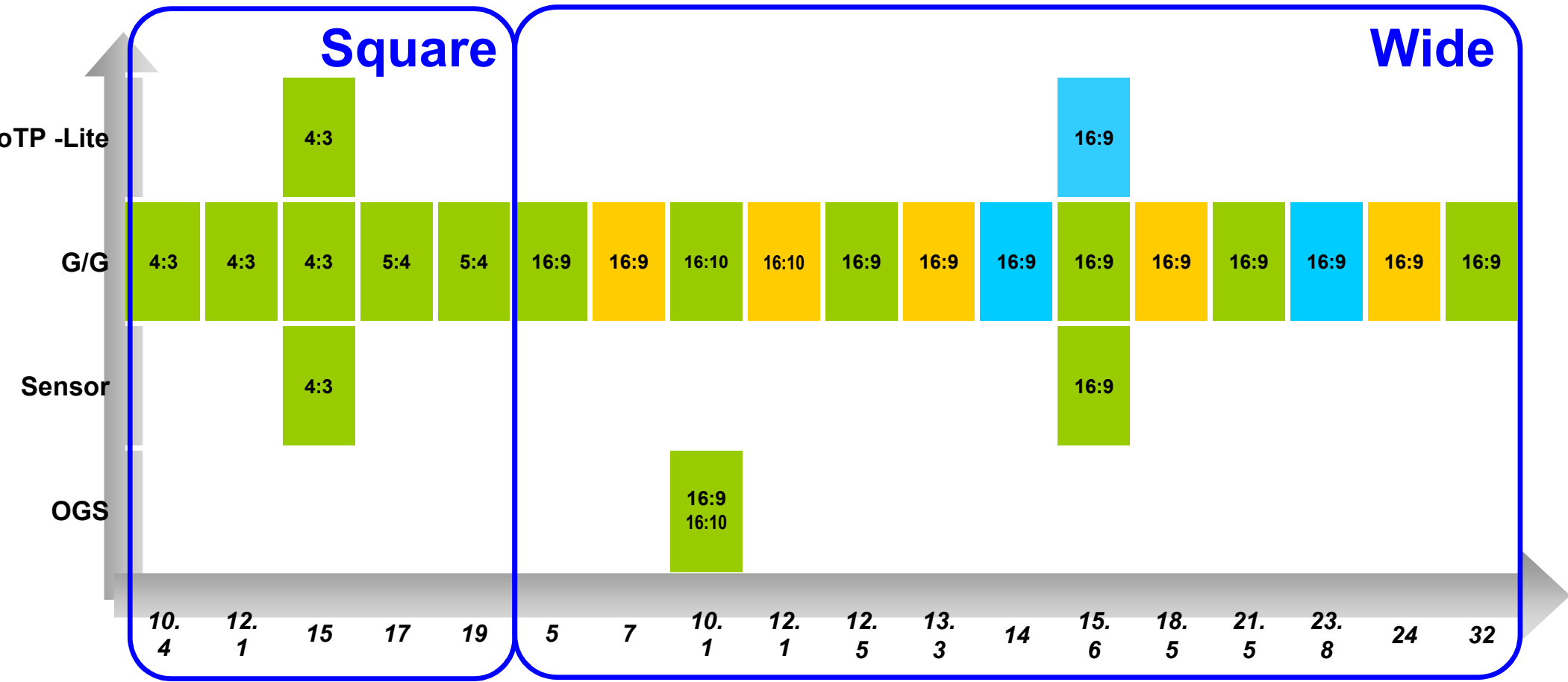


VA★ = AHVA
VA● = MVA

General Display P-Cap Touch Panel Line Up



MP Developing Planning





3.5"~4.3" Models

MP

Developing

Planning

	MP	2018 H1	2018 H2
3.5" QVGA 320x240	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px; width: 45%;"> <p style="text-align: center; font-size: small;">Jul.11</p> <p>A035QN05 V1</p> <p>300 nits, 120/105 -10~70 °C, 10K Digital, 6bit+FRC, w/o D.</p> </div> <div style="border: 1px solid black; padding: 5px; width: 45%;"> <p style="text-align: center; font-size: small;">Feb.17</p> <p>A035QN02 VG</p> <p>430 nits, 120/105 -20~70 °C, 10K Digital, 6 bit, w/o D.</p> </div> </div>		
4.0" WQVGA 480X234 (Delta)	<div style="border: 1px solid black; padding: 5px; width: 100%;"> <p style="text-align: center; font-size: small;">Nov.08</p> <p>A040CN01 V3</p> <p>300 nits, 90/40 0~60 °C, 10K Analog, w/o D.</p> </div>		
4.3" WQVGA 480x272	<div style="border: 1px solid black; padding: 5px; width: 100%;"> <p style="text-align: center; font-size: small;">Sep.11</p> <p>G043FW01 V0</p> <p>450 nits, 130/105 -20~70 °C, 30K Digital, 6bit+FRC, w/o D.</p> <p style="text-align: center; font-size: x-small;">RS</p> </div>	<div style="border: 1px solid black; padding: 5px; width: 100%;"> <p style="text-align: center; font-size: small;">Q2.18</p> <p>G043FTN01.0</p> <p>550 nits, 160/120 -20~70 °C, 20K Digital, 6bit+FRC, w/o D.</p> <p style="text-align: center; font-size: x-small;">RS</p> </div>	<div style="border: 1px solid black; padding: 5px; width: 100%;"> <p>G043FTN0x.x</p> <p>450 nits, 130/105 -20~70 °C, 50K Digital, 6bit+FRC, w/o D.</p> <p style="text-align: center; font-size: x-small;">RS</p> </div>

● EOL: Dec. 2018

w/o D. without LED Driver RS Reverse Scan






5" Models


MP

Developing

Planning

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

 MIPI interface

 View Angle Tech

w/o D. without LED Driver

5.7" / 6.5" Models

MP

Developing

Planning

5.7"
QVGA
320x240

MP

Oct.11

G057QN01 V2
800 nits, 160/140
-30~85°C, 50K
Digital, 6bit

WT RS RL

Jan.14

G057QTN01.0
500 nits, 160/140
-30~85°C, 50K
Digital, 6bit

WT RS RL

2018 H1

2018 H2

5.7"
VGA
640x480

Nov.11

G057VN01 V2
700 nits, 160/140
-30~85°C, 50K
Digital, 6bit

WT RS RL

Oct.12

G057VTN01.0
530 nits, 160/140
-30~85°C, 50K
Digital, 6bit

WT RS HV

Aug.14

G057VTN01.1
550 nits, 160/140
-30~85°C, 50K
Digital, 6bit

WT RS

6.5"
VGA
640x480

Oct.09

G065VN01 V2
800 nits, 160/140
-30~80°C, 50K hrs
LVDS, 6bit+FRC

RS RL

Wide Temperature
 Replaceable Lightbar
 Reverse Scan
 Highly Vibration Reliability
 High Brightness

7" Models

MP

Developing

Planning

7.0"
WVGA
800X480

7.0"
WSVGA
1024X600

MP

2018 H1

2018 H2

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.

AMVA RS

May.15

G070VTN02.0
1,500 nits, 130/110
-30~70°C, 10K
Digital, 6bit, w/o D.

High Brightness

• EOL: Dec. 2018

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.

Q2.18

A070VTN06.4
500 nits, 140/120
-30~80°C, 50K
Digital, 6bit+FRC, w/o D.

WT

Oct.14

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

Q2.18

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

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



8" Models

MP

Developing

Planning

8"
XGA
1024x768

MP

2018 H1

2018 H2

8"
WUXGA
1200x1920

MP

Q2.18

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

Q4.18

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

mipi MIPI interface

AHVA View Angle Tech

w/o D. without LED Driver



8.4" /8.5" /9" Models

MP

Developing

Planning

	MP	2018 H1	2018 H2
<p>8.4" SVGA 800x600</p>	<p>Dec.11</p> <p>G084SN03 V3 250 nits, 160/140 -20~70 °C, 30K LVDS, 6bit+FRC</p> <p>WT RS RL</p>	<p>Nov.11</p> <p>G084SN05 V9 450 nits, 160/140 -30~85 °C, 50K LVDS, 6bit+FRC</p> <p>WT RS RL</p>	
<p>8.5" WVGA 800x480</p>	<p>Jun.10</p> <p>G085VW01 V0 300 nits, 160/140 -30~85 °C, 50K Digital, 6bit</p> <p>WT RS RL</p> <p>● EOL: Jul. 2018</p>		
<p>9" WVGA 800x480</p>	<p>Jun.12</p> <p>A090VW01 V3 250 nits, 140/125 -10~60 °C, 10K Digital, 6bit+Hi-FRC, w/o D.</p> <p>WT RS RL</p> <p>● EOL: Mar. 2019</p>	<p>Feb.13</p> <p>G090VTN02.0 300 nits, 140/120 -20~75 °C, 20K Digital, 6bit+Hi-FRC</p> <p>RS</p>	

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



10.1" Models

MP Developing Planning

MP

2018 H1

2018 H2

10.1" WVGA 800x480

A101VW01 V3 Jul.09
 300 nits, 130/110
 -10~60 °C, 20K
 Digital, 6bit, w/o D.

10.1" WSVGA 1024x600

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

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

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

G101STN01.C Q4. 18
 500 nits, 140/120
 -30~80 °C, 50K
 LVDS, 6bit+Hi-FRC

G101STN01.D Q4. 18
 450 nits, 140/120
 -10~60 °C, 50K
 LVDS, 6bit+Hi-FRC

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

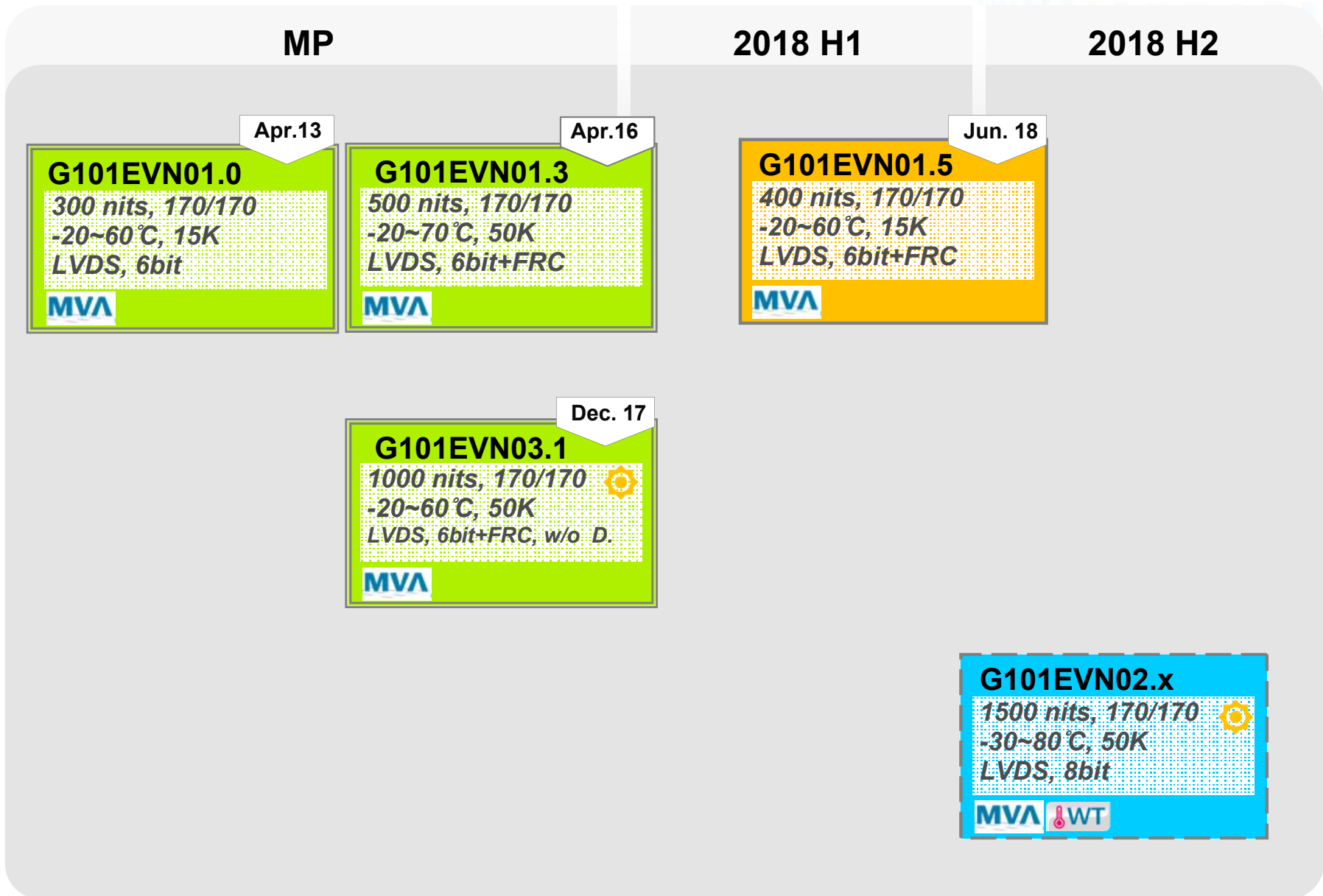
G101STN01.A Jun. 18
 300 nits, 140/120
 -10~60 °C, 20K
 LVDS, 6bit+Hi-FRC

Wide Temperature Reverse Scan View Angle Tech w/o D. without LED Driver High Brightness



10.1" Models

MP Developing Planning



10.1" WXGA 1280x800

Wide Temperature
 Reverse Scan
 View Angle Tech
 w/o D. without LED Driver
 High Brightness



10.1" Models

MP

Developing

Planning

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

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

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

12.1" Models

MP

Developing

Planning

MP

2018 H1

2018 H2

May.09

Aug.12

Apr.16

12.1" SVGA
800x600

G121SN01 V4
450 nits, 160/140
-30~85°C, 50K
LVDS, 6/6bit+FRC

G121STN01.0
300 nits, 160/140
-30~85°C, 30K
LVDS, 6/6bit+FRC

G121SN01 V403
500 nits, 160/140
-30~85°C, 50K
LVDS, 6/6bit+FRC

May.10

Mar.14

Jun.16

12.1" XGA
1024x768

G121XN01 V0
500 nits, 160/160
-30~85°C, 50K, 70%
LVDS, 6/6bit+FRC

G121XTN01.0
500 nits, 160/160
-30~85°C, 50K, 72%
LVDS, 6/6bit+FRC

G121XN01 V001
500 nits, 160/140
-30~85°C, 50K, 72%
LVDS, 6/6bit+FRC

12.1" WXGA
1280x800

Apr.17

Apr.17

May.18

Q4.18

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

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

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

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

Wide Temperature Reverse Scan Replaceable Light bar View Angle Tech High Brightness

12.5" /13.3" /14" HD Models

MP

Developing

Planning

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

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



13.3" /14" FHD Models

MP

Developing

Planning

13.3"
FHD
1920x1080

MP

Jul.16

G133HAN01.0
 400 nits, 178/178
 0~70°C, 50K, 90%
 LVDS, 8bit

2018 H1

2018 H2

Q4.18

G133HAN02.0
 400 nits, 178/178
 0~50°C, 30K
 eDP, 6bit+FRC

14.0"
FHD
1920x1080

Apr.18

G140HAN01.1
 400 nits, 178/178
 0~50°C, 50K, 72%
 eDP, 6bit+FRC

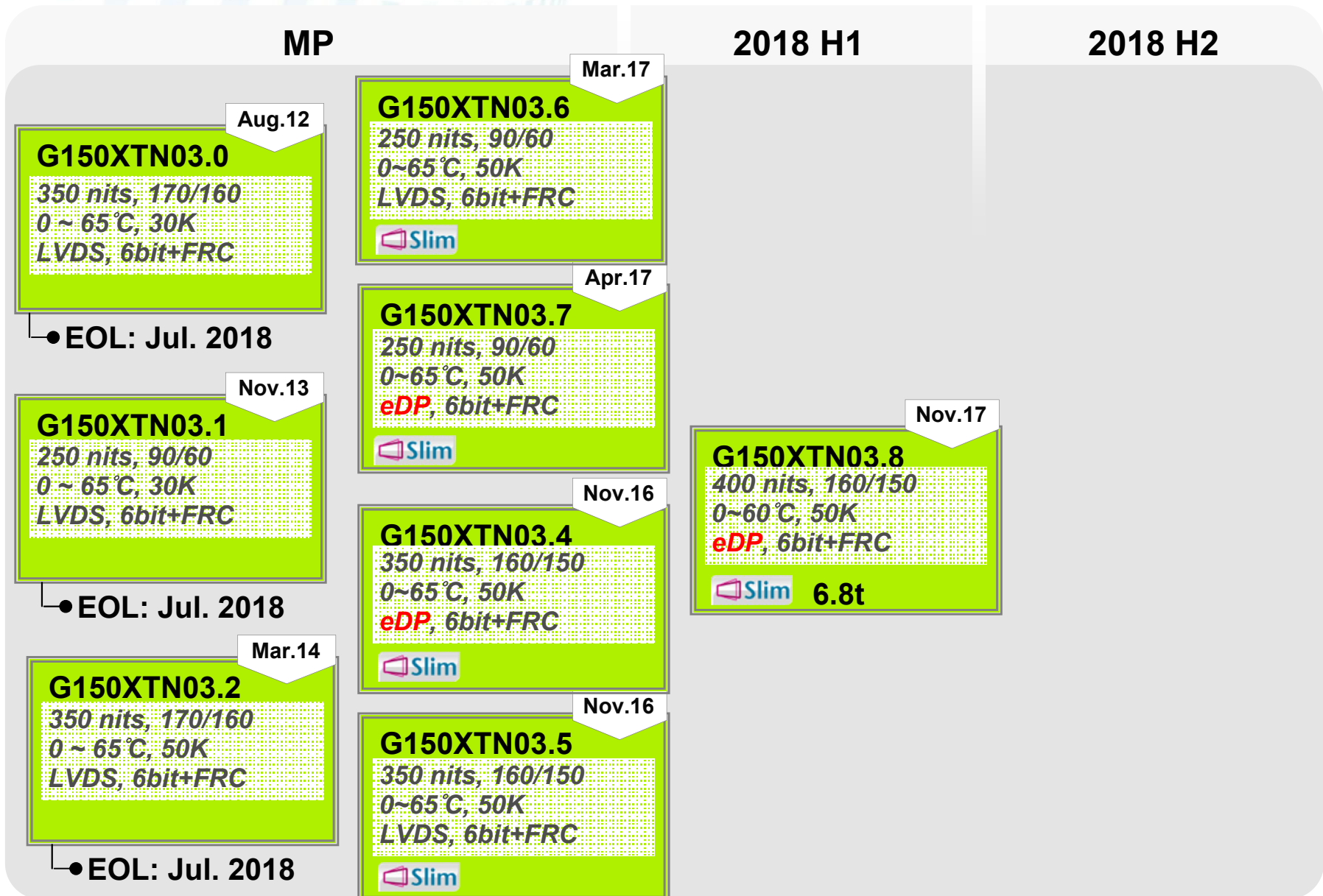
eDP embedded Display Port interface **Slim** Slim thickness **AHVA** View Angle Tech

15" Models



MP Developing Planning

15"
XGA
1024x768
(TN)



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

15" Models (WT)

MP

Developing

Planning

15"
XGA
1024x768
(TN)

MP	2018 H1	2018 H2
<p>G150XTN06.0 Sep.14</p> <p>450 nits, 160/150 -30~85°C, 50K LVDS, 6bit+FRC</p> <p> </p>	<p>G150XTN06.6 Apr.17</p> <p>450 nits, 160/150 -30~85°C, 50K eDP, 6bit+FRC</p> <p> </p>	<p>G150XTK01.0 Apr.18</p> <p>390 nits, 160/150 -30~85°C, 50K LVDS, 6bit+FRC</p> <p> </p>
<p>G150XTN06.1 Sep.14</p> <p>500 nits, 160/150 -20~70°C, 50K LVDS, 6bit+FRC</p> <p> </p>	<p>G150XTN06.8 Apr.17</p> <p>450 nits, 160/150 -30~85°C, 50K LVDS, 6bit+FRC</p> <p> </p>	<p>G150XTK01.1 Q2,18</p> <p>390 nits, 160/150 -30~85°C, 50K eDP, 6bit+FRC</p> <p> </p>
<p>G150XTN06.2 Mar.15</p> <p>300 nits, 160/150 -30~85°C, 50K LVDS, 6bit+FRC</p> <p></p>	<p>G150XTN06.5 Mar.16</p> <p>300 nits, 160/150 -20~70°C, 50K LVDS, 6bit+FRC</p>	<p>G150XTK01.2 Q3, 18</p> <p>390 nits, 160/150 -30~85°C, 50K LVDS, 6bit+FRC</p> <p> </p>
<p>G150XTN06.4 Nov.15</p> <p>400 nits, 160/150 -30~85°C, 50K LVDS, 6bit+FRC</p> <p> </p>	<p>G150XTN06.7 Apr.17</p> <p>350 nits, 160/150 -30~85°C, 50K eDP, 6bit+FRC</p> <p> </p>	

eDP embedded Display Port interface Wide Temperature Replaceable Lightbar Reverse Scan

© 2012 AU Opto Slim thickness Confidential Anti Reflection 28 On cell T/P w/o Cover Lens High Brightness

For PROMATE internal use only - provided by Kevin KC Chang on 2018/04/16

15" Models (WT)

MP

Developing

Planning

15"
XGA
1024x768
(TN)

MP	2018 H1	2018 H2
<p>G150XTN06.3 1600 nits, 160/150 -30~70°C, 50K LVDS, 6bit+FRC AR</p> <p>Mar.17</p>		
<p>G150XTN06.9 1600 nits, 160/150 -30~70°C, 50K LVDS, 6bit+FRC Slim</p> <p>Dec.17</p>		

Slim thickness

Anti Reflection

High Brightness

15" Models



MP

Developing

Planning

15"
XGA
1024x768
(VA)

MP

2018 H1

2018 H2

Apr.14

G150XVN01.0
300 nits, 178/178
-10~70°C, 50K, 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

Mar.15

G150XVN01.1
300 nits, 178/178
-10~70°C, 30K, 72%
LVDS, 6/6bit+Hi-FRC

Slim MVA

Jun.18

G150XAN01.0
350 nits, 178/178
-20~70°C, 50K
LVDS, 6bit+FRC

Slim AHVA

Q3.18

G150XAN01.1
500 nits, 178/178
-20~70°C, 50K
LVDS, 6bit+FRC

Slim AHVA

Slim Slim thickness

MVA View Angle Tech

AHVA View Angle Tech

15.6" Models

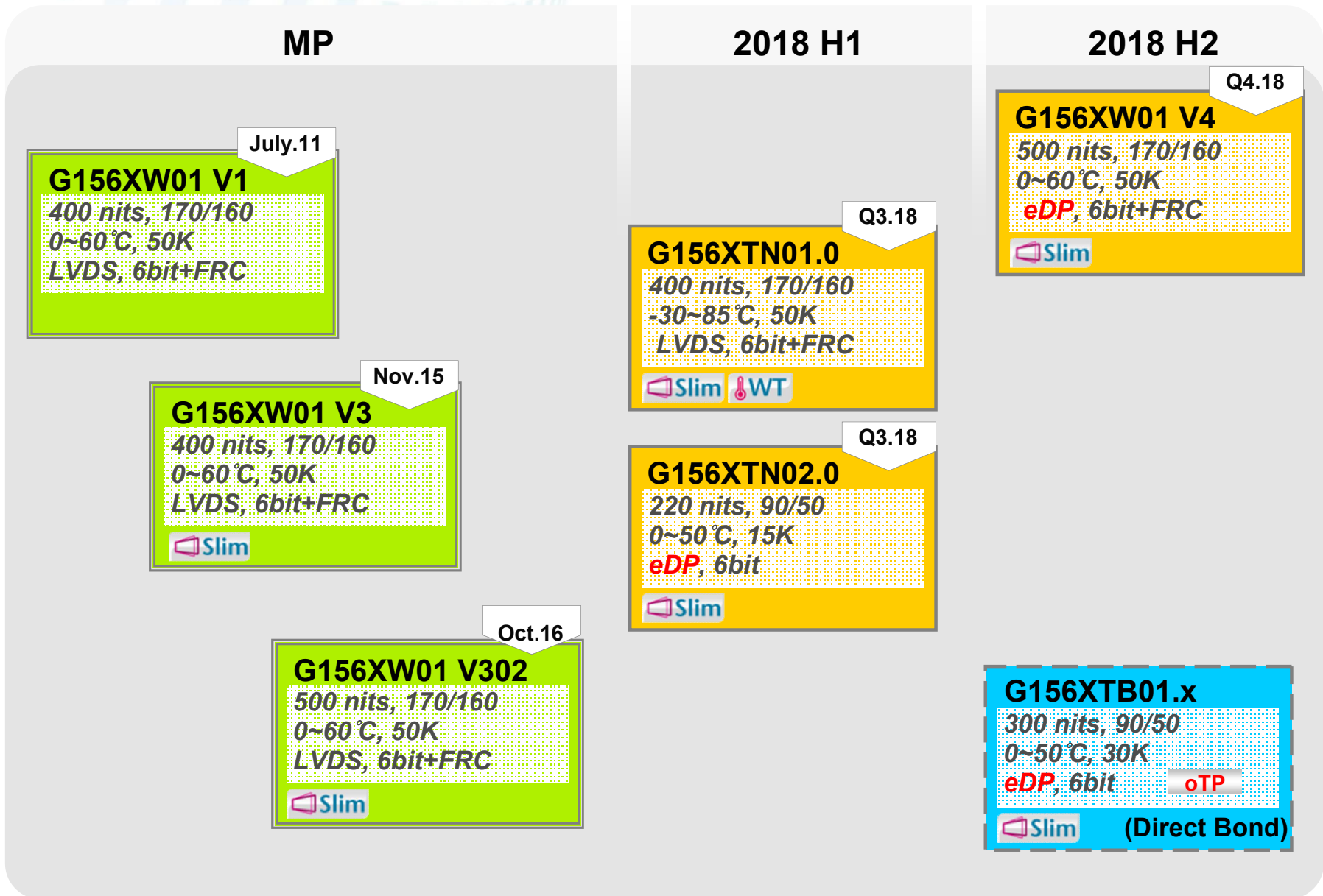


MP

Developing

Planning

15.6"
HD
1366x768



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



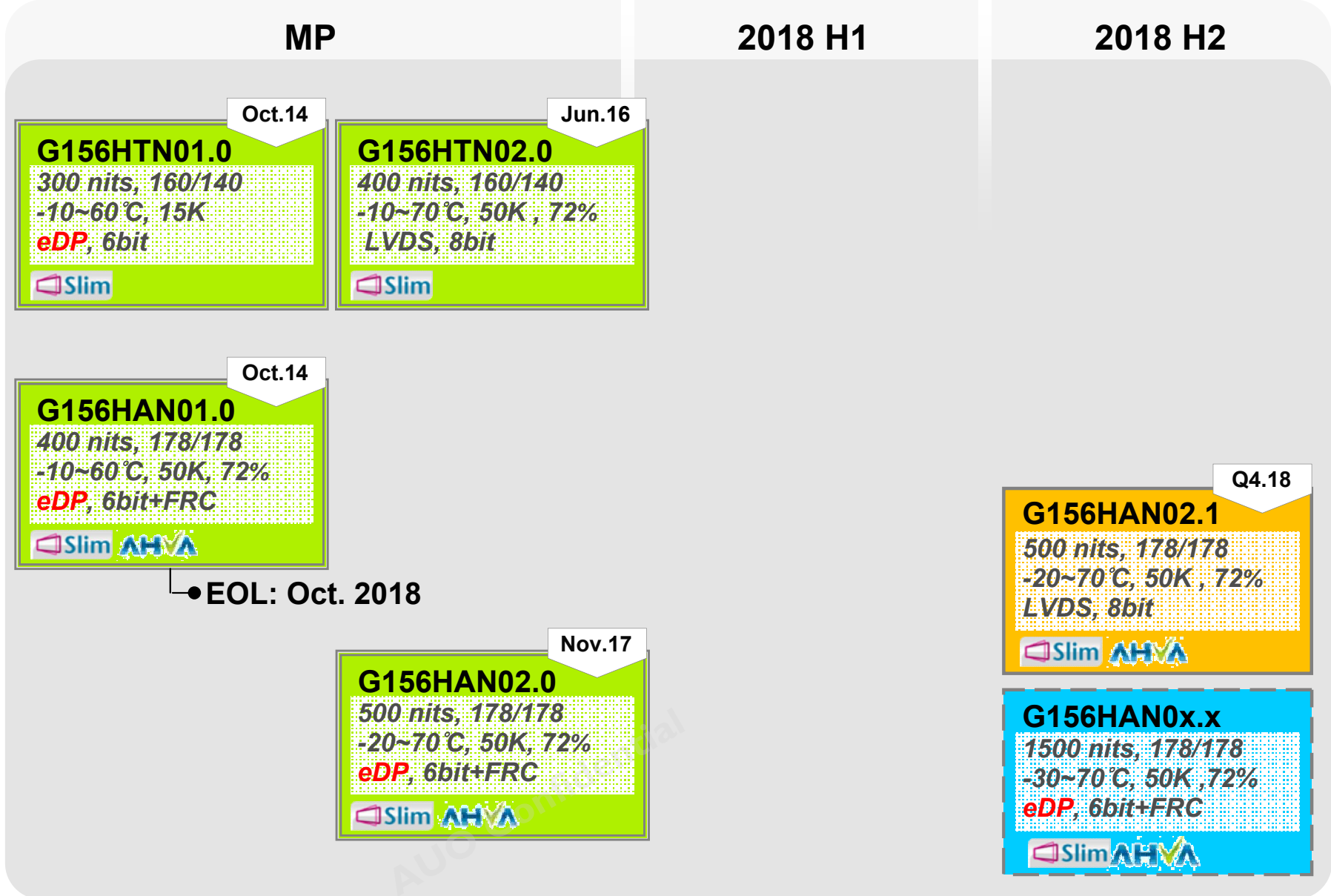
15.6" Models

MP

Developing

Planning

15.6" FHD 1920x1080



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

17"/17.3" Models



MP Developing Planning

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

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

eDP embedded Display Port interface



18.5" Models

MP

Developing

Planning

18.5" HD
1366x768

MP	2018 H1	2018 H2
<p>G185XW01 V1 300 nits, 170/160 0~60°C, 50K LVDS, 6bit+Hi-FRC RL</p> <p>Aug.11</p>	<p>G185XTN01.1 450 nits, 170/160 0~60°C, 50K, 72% eDP, 6bit+Hi-FRC</p> <p>Dec.17</p>	
<p>G185XW01 V2 450 nits, 170/160 0~60°C, 50K LVDS, 6bit+Hi-FRC</p> <p>Jun.15</p>	<p>G185XW01 V201 450 nits, 170/160 0~60°C, 50K, 72% LVDS, 6bit+Hi-FRC</p> <p>Dec.17</p>	

18.5" FHD
1920x1080

<p>G185HAN01.0 350 nits, 178/178 -20~70°C, 50K, 72% LVDS, 8bit AHVA</p> <p>Aug.16</p>	<p>G185HAN01.1 500 nits, 178/178 -20~70°C, 50K, 72% LVDS, 8bit AHVA</p> <p>May.18</p>
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eDP embedded Display Port interface RL Replaceable Lightbar AHVA View Angle Tech

19" Models

MP

Developing

Planning

19" SXGA 1280x1024 (TN)

MP	2018 H1	2018 H2
<p>July.11</p> <p>G190EG01 V1 350 nits, 170/160 0~50°C, 50K, 72% LVDS, 6bit+Hi-FRC</p>	<p>Jun.16</p> <p>G190ETN01.4 450 nits, 170/160 -30~85°C, 50K, 90% LVDS, 6bit+Hi-FRC</p> <p>WT</p>	
<p>Jun.14</p> <p>G190ETN01.0 350 nits, 170/160 0~50°C, 30K, 72% LVDS, 6bit+Hi-FRC, w/o D.</p>	<p>Oct.16</p> <p>G190ETN01.6 1600 nits, 170/160 -30~70°C, 50K LVDS, 6bit+Hi-FRC</p> <p>AR</p>	
<p>Jul.14</p> <p>G190ETN01.2 350 nits, 170/160 -30~85°C, 50K, 72% LVDS, 6bit+Hi-FRC</p> <p>WT</p>		

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



19" Models

MP

Developing

Planning

19" SXGA 1280x1024 (VA)

MP

2018 H1

2018 H2

Apr.11

G190EG02 V0
 600 nits, 178/178
 0~50°C, 50K
 LVDS, 8bit
 MVA

Jun.11

G190EG02 V1
 300 nits, 178/178
 0~60°C, 50K
 LVDS, 8bit
 MVA

Jul.17

G190EG02 V104
 350 nits, 178/178
 -15~70°C, 50K
 LVDS, 8bit
 MVA

MVA View Angle Tech

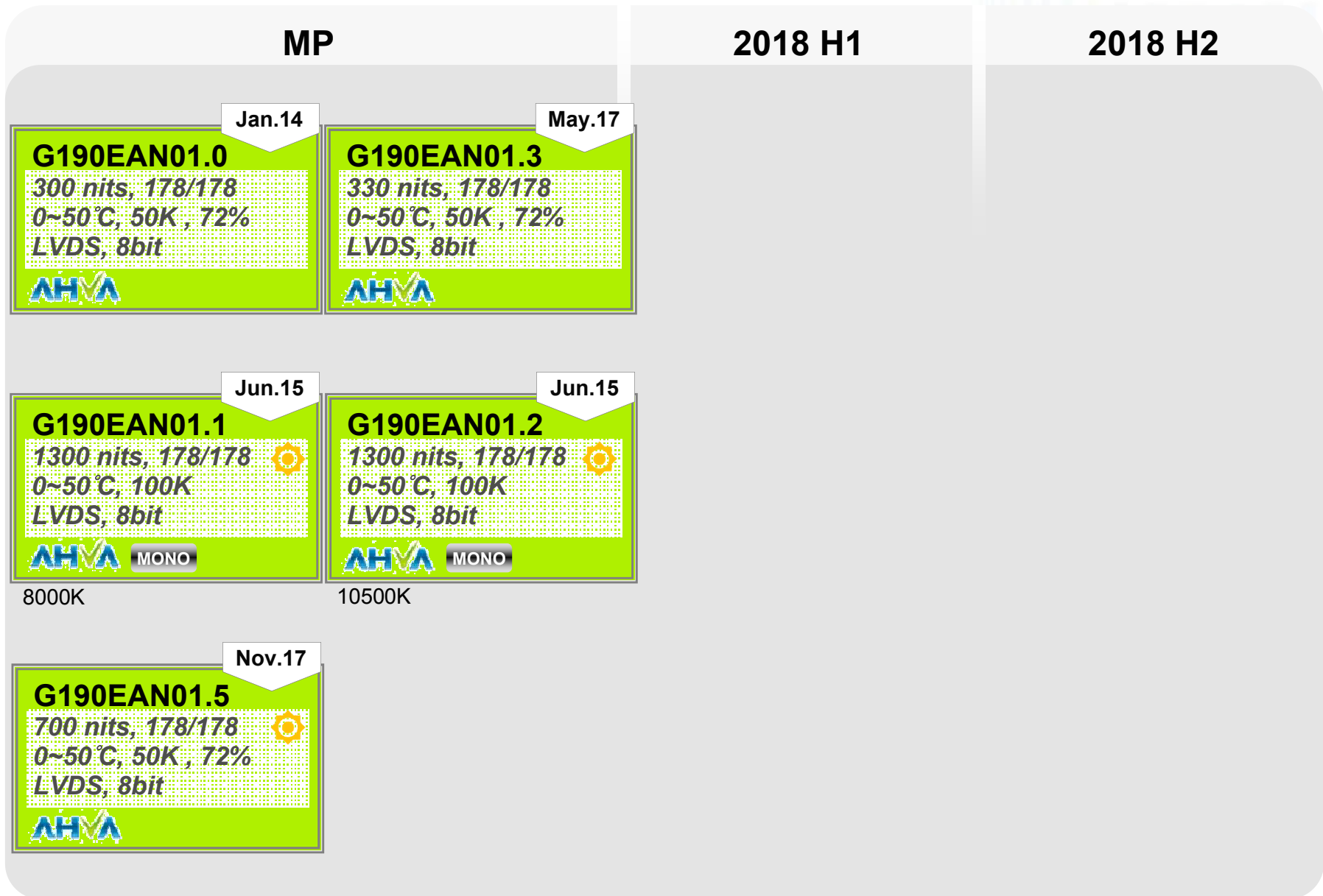
19" Models

MP

Developing

Planning

19" SXGA 1280x1024 (AHVA)



AHVA View Angle Tech MONO Monochrome High Brightness



21.3"/21.5"/22" Models

MP

Developing

Planning

	MP	2018 H1	2018 H2
21.3" QXGA 2048x1536 (AHVA)	G213QAN01.0 800 nits, 178/178 0~60°C, 50K, 72% LVDS, 10bit AHVA Sep.16		
21.5" FHD 1920x1080	G215HVN01.0 300 nits, 178/178 0~60°C, 50K, 75% LVDS, 8bit AMVA3 Apr.12	G215HVN01.1 250 nits, 178/178 0~60°C, 30K, 72% LVDS, 8bit AMVA3 May.14	
	G215HAN01.0 400 nits, 178/178 0~50°C, 50K, 72% LVDS, 8 bit AHVA Nov.17	G215HAN01.2 350 nits, 178/178 0~50°C, 50K, 72% LVDS, 6bit + Hi-FRC, w/o D. AHVA Apr.18	
	G220SVN01.0 250 nits, 178/178 0~50°C, 30K LVDS, 6bit+Hi-FRC MVA Jun.13		
		● EOL: Oct. 2018	

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

23"/23.8" Models

MP

Developing

Planning

23"
FHD
1920x1080

MP

Sep.16

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

2018 H1

2018 H2

23.8"
FHD
1920x1080

May.16

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

Jan.18

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

Jan.18

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

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

View Angle Tech w/o D. without LED Driver



24"/27" Models

MP

Developing

Planning

	MP	2018 H1	2018 H2
<p>24" FHD 1920x1080</p>	<p>Sep.11</p> <p>G240HW01 V0 300 nits, 178/178 -20~70°C, 50K, 72% LVDS, 8bit AMVA3</p>	<p>Mar.17</p> <p>G240HW01 V1 300 nits, 178/178 -20~70°C, 50K, 72% LVDS, 8bit AMVA3</p>	
<p>24" WUXGA 1920x1200</p>	<p>Nov.16</p> <p>G240UAN01.0 900 nits, 178/178 0~50°C, 50K, 72% LVDS, 8bit+Hi-FRC AHVA</p>	<p>Nov.16</p> <p>G240UAN01.1 750 nits, 178/178 0~50°C, 50K, 88% LVDS, 8bit+Hi-FRC AHVA</p>	
<p>27" FHD 1920x1080</p>		<p>May.18</p> <p>G270HAN01.0 900 nits, 178/178 0~50°C, 50K, 87% LVDS, 10bit AHVA</p>	

AMVA3 View Angle Tech AHVA View Angle Tech High Brightness

27"/32" Models

MP

Developing

Planning

27"
UHD
3840x2160

MP

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 1, 8bit+Hi-FRC

2018 H1

2018 H2

Feb.18

G270ZAN01.x

400 nits, 178/178
 0~50°C, 50K, 72%
eDP, 8bit

32"
UHD
3840x2160

Feb.18

G320ZAN01.0

700 nits, 178/178
 0~50°C, 30K, 105%
 V by 1, 8bit+Hi-FRC

eDP embedded Display Port interface View Angle Tech High Brightness

Bar Type Models

MP

Developing

Planning

	MP	2018 H1	2018 H2
<p>15" (19" x 1/4) 1280x248</p>	<p>MP Jun.12</p> <p>G151EVN01.0 300 nits, 178/178 0~50°C, 50K LVDS, 8bit</p> <p>MVA</p>		
<p>19" (22" x 1/3) 1680x342</p>	<p>Aug.11</p> <p>G190SF01 V0 300 nits, 178/178 0~60°C, 50K, 72% LVDS, 6bit+Hi-FRC</p> <p>MVA</p> <p>● EOL: Oct. 2018</p>		
<p>23" 1920x160</p>			<p>G229HAN01.x 500 nits, 178/178 0~50°C, 50K, 72% eDP, 8bit</p> <p>AHVA</p>
<p>28.6" (32" x 1/2) 1920x540</p>	<p>Apr.17</p> <p>G286HAN01.0 1000 nits, 178/178 -10~60°C, 50K, 72% LVDS, 8bit, w/o D.</p> <p>AHVA</p>		

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



Total Solution Models (R-TP)

MP

Developing

Planning

4.3"
WQVGA
480x272

MP

Nov.11

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

2018 H1

2018 H2

7.0"
WVGA
800X480

Apr.14

G070VTT01.0
 380 nits, 130/110
 -20~70 °C, 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 H1	2018 H2
<p>10.1"</p> <p>WSVGA</p> <p>1024x600</p>	<p>Jun.16</p> <p>G101STT01.0</p> <p>385 nits, 140/120</p> <p>-10~60°C, 30K</p> <p>LVDS, 6bit</p> <p>(Air Bond)</p>		
<p>10.1"</p> <p>WXGA</p> <p>1280x800</p>		<p>Q2.18</p> <p>G101EVT04.0</p> <p>360 nits, 170/170</p> <p>-20~60°C, 15K</p> <p>LVDS, 6bit</p> <p>(Air Bond)</p>	



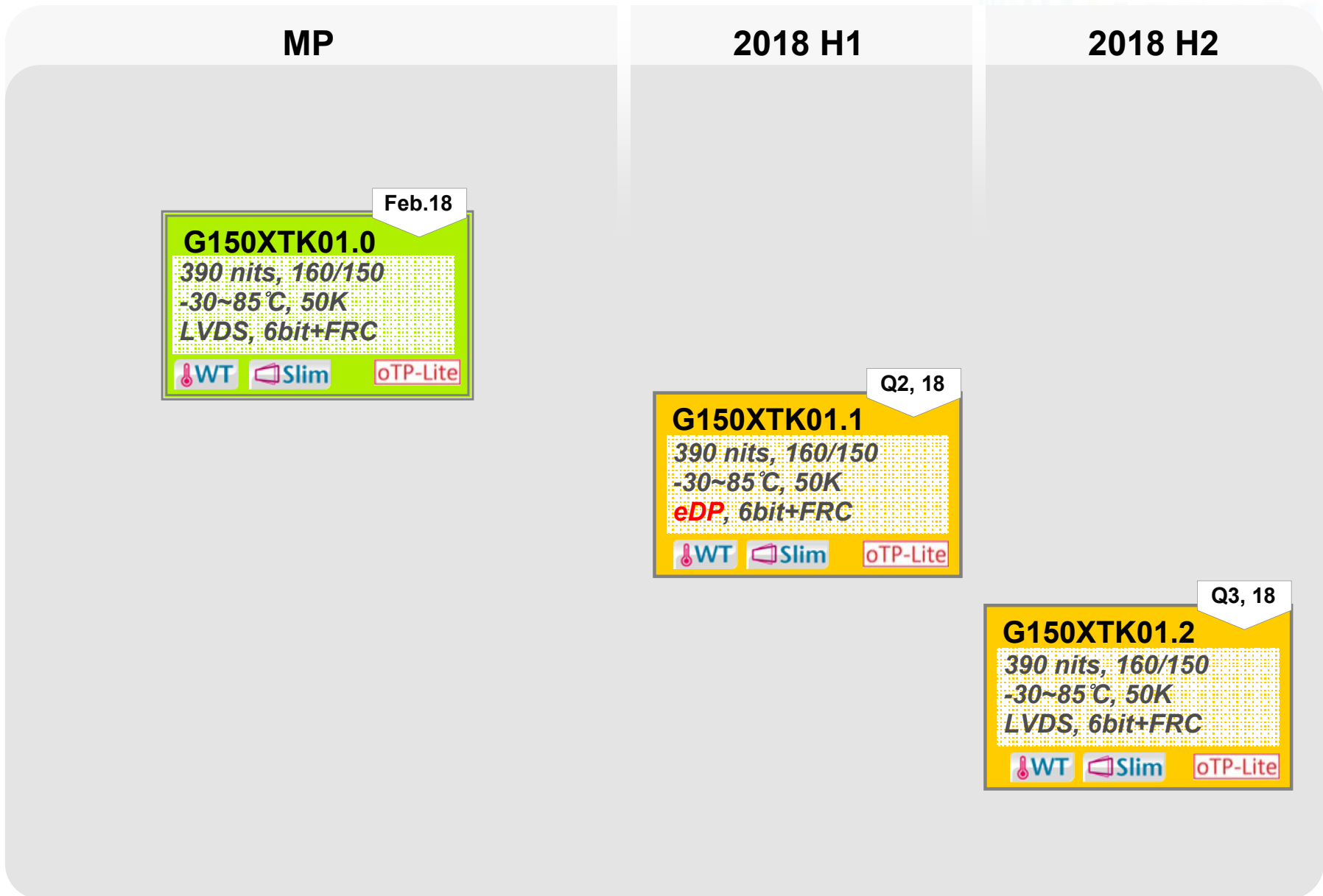
Total Solution Models (P-Cap)

MP

Developing

Planning

15"
XGA
1024x768
(TN)



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

15.6"
HD
1366x768
(TN)

MP

Jul.16

G156XTT01 V1
 350nits, 170/160
 0~60°C, 50K
 LVDS, 8bit

Slim (Air Bond)

2018 H1

2018 H2

G156XTB01.x
 300 nits, 90/50
 0~50°C, 30K
 eDP, 6bit oTP

Slim (Direct Bond)

15.6"
FHD
1920x1080

Q3. 18

G156HAT01.0
 425 nits, 178/178
 -10~60°C, 50K, 72%
 eDP, 6bit+FRC

Slim (Air Bond)

eDP embedded Display Port interface **WT** Wide Temperature **Slim** Slim thickness



Total Solution Models (P-Cap)

MP

Developing

Planning

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

w/o D. without LED Driver



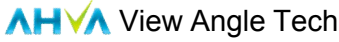
Total Solution Models (P-Cap)

MP

Developing

Planning

	MP	2018 H1	2018 H2
<p>23.8"</p> <p>FHD</p> <p>1920x1080</p>			<p>G238HAT01.x</p> <p>350 nits, 178/178</p> <p>0~50 °C, 50K, 72%</p> <p>LVDS, 8bit</p> <p>(Air Bond)</p>
<p>24"</p> <p>FHD</p> <p>1920x1080</p>			<p>G240HVT01.x</p> <p>261 nits, 178/178</p> <p>-20~70 °C, 50K, 72%</p> <p>LVDS, 8bit</p> <p>(Air Bond)</p>



New Model Summary -I

	Model	MP Schedule
New Model	- G043FTN01.0	~ 2018/Q2
	- G050TAN01.0	~ 2018/Jun.
	- A070VTN06.4	~ 2018/Q2
	- B070ATN01.2	~ 2018/Q2
	- A080XTN01.5	~ 2018/Q4
	- G080UAN01.0	~ 2018/Q2
	- G101STN01.6	~ 2018/Jun.
	- G101STN01.A	~ 2018/Jun.
	- G101STN01.C	~ 2018/Q4
	- G101STN01.D	~2018/Q4
	- G101EVN01.5	~ 2018/Jun.
	- G101EVT04.0	~ 2018/Q2
	- G101UAN02.0	~ 2018/Apr.
	- G121EAN01.2	~ 2018/Q4
	- G121EAN01.3	~ 2018/May
	- G133HAN02.0	~ 2018/Q2
- G140HAN01.1	~ 2018/Q2	

New Model Summary - II

	Model	MP Schedule
New Model	- G150XAN01.0	~ 2018/Jun
	- G150XAN01.1	~ 2018/Q3
	- G150XTK01.1	~ 2018/Q2
	- G150XTK01.2	~ 2018/Q3
	- G150XVN01.2	~ 2018/Jun
	- G156XW01 V4	~ 2018/Q4
	- G156XTN01.0	~ 2018/Q3
	- G156XTN02.0	~ 2018/Q3
	- G156HAN02.1	~ 2018/Q4
	- G156HAT01.0	~ 2018/Q3
	- G185HAN01.1	~ 2018/May.
- G270HAN01.0	~ 2018/May	

EOL Model Summary

	Model	EOL Schedule	LTB order
EOL Model	-G043FW01 V0	~ 2018/Dec.	~ 2018/Sep.
	-G070VTN02.0	~ 2018/Dec.	~ 2018/Sep.
	-G085VW01 V0	~ 2018/Jul.	~ 2018/Apr.
	-A090VW01 V3	~ 2019/Mar	~ 2018/Dec
	-G150XTN03.0	~ 2018/Jul.	~ 2018/Apr.
	-G150XTN03.1	~ 2018/Jul.	~ 2018/Apr.
	-G150XTN03.2	~ 2018/Jul.	~ 2018/Apr.
	-G156HAN01.0	~ 2018/Oct.	~2018/Aug.
	-G190SF01 V0	~2018/Oct.	~2018/Jul.
	-G220SVN01.0	~2018/Oct.	~2018/Jul.

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.





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