

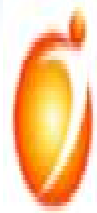
A blue-toned background featuring a faint world map. Overlaid on the map are several glowing white lines and dots, suggesting a global network or data flow. The lines curve across the continents, and small dots are placed at various points along these paths.

2022 TOMY TFT Product Roadmap

Cooperation Partner



ZEBRA



Inventec
Appliances

vtech



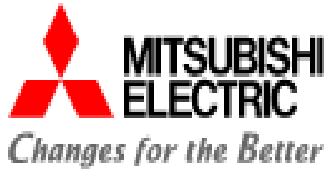
NEW KINPO GROUP

SimpliSafe™



LARSEN & TOUBRO
It's all about imagineering

FUKUDA



ThermoFisher
SCIENTIFIC



CASTLES
TECHNOLOGY

Verifone®



TEXAS INSTRUMENTS



美的 **Midea®**

MDT
technologies

Cooperation Partner



TOMY Display Module Focus and Application

POS



Medical



industrial instrument



Marine



**Wide
Temperature**



**High
Brightness**



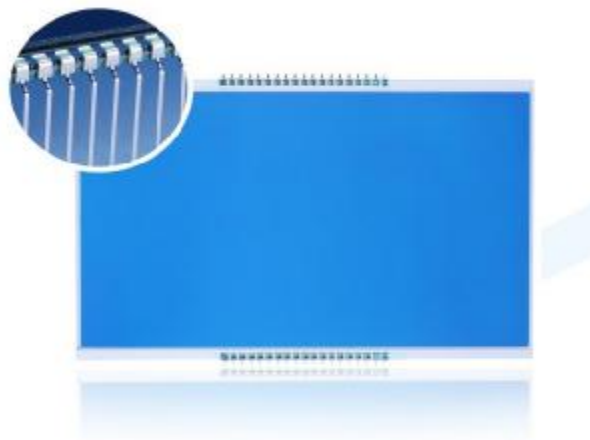
**1.44"~15.6"
TFT Module**

**Various
Shape Panel**

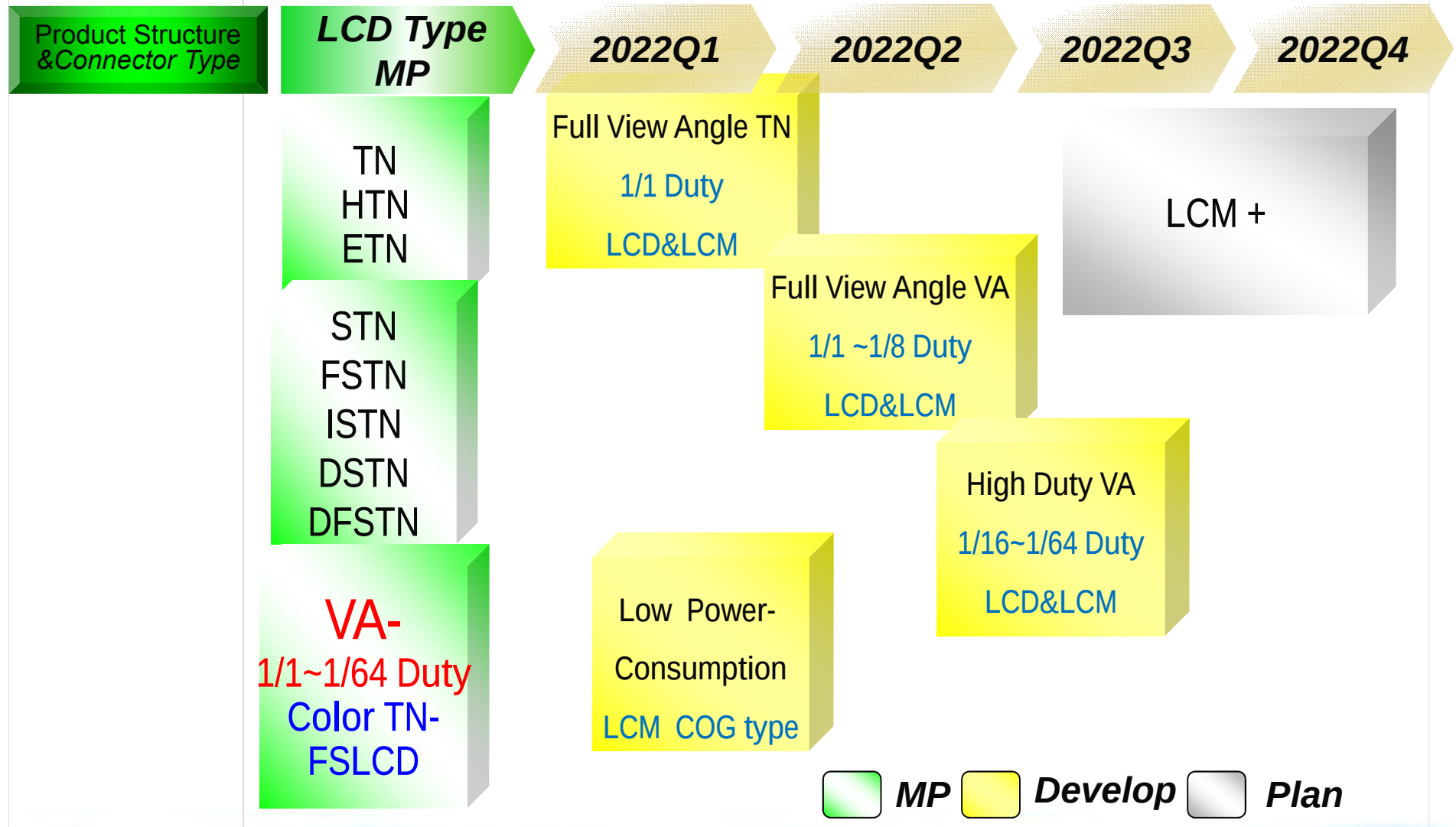
TOMY

2022 TOMY Roadmap

-MONO LCD & LCM



MONO LCD&LCM Product Roadmap



2022. TOMY Roadmap -TFT



Automated production line



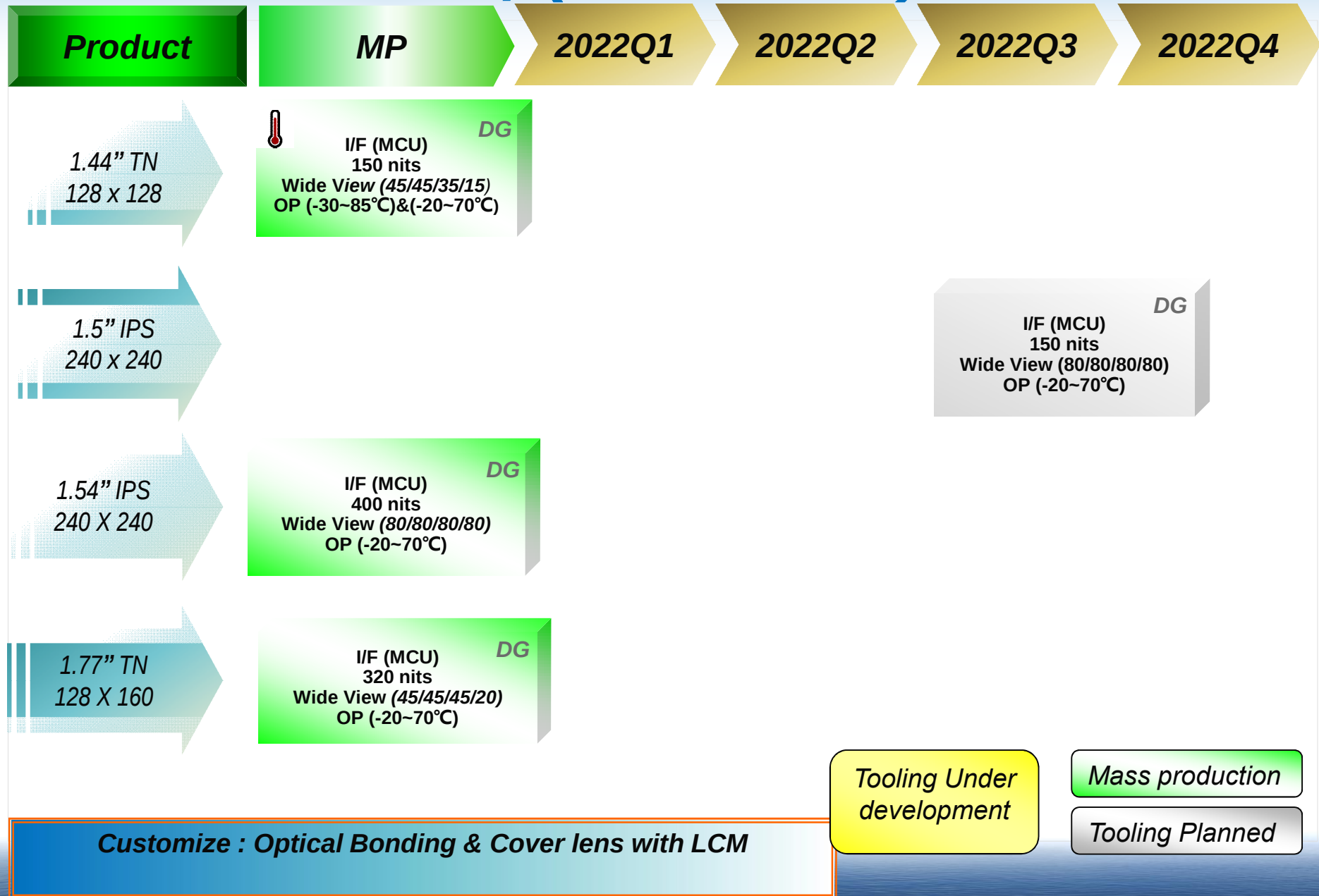
***Automated Polarizer
Assembly***

***Automated Cog/Fog
Assembly***

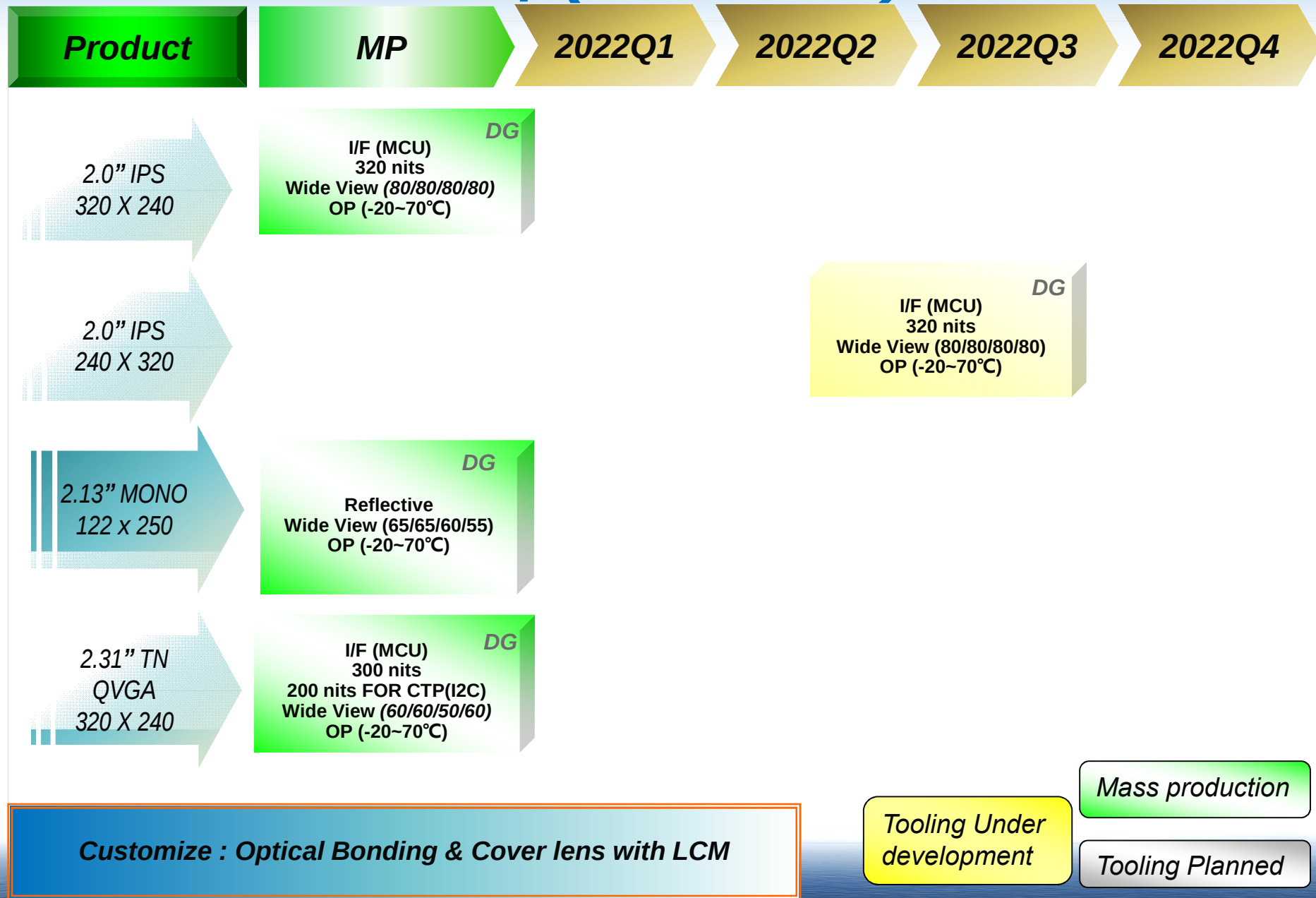


***Automated Backlight
Assembly***

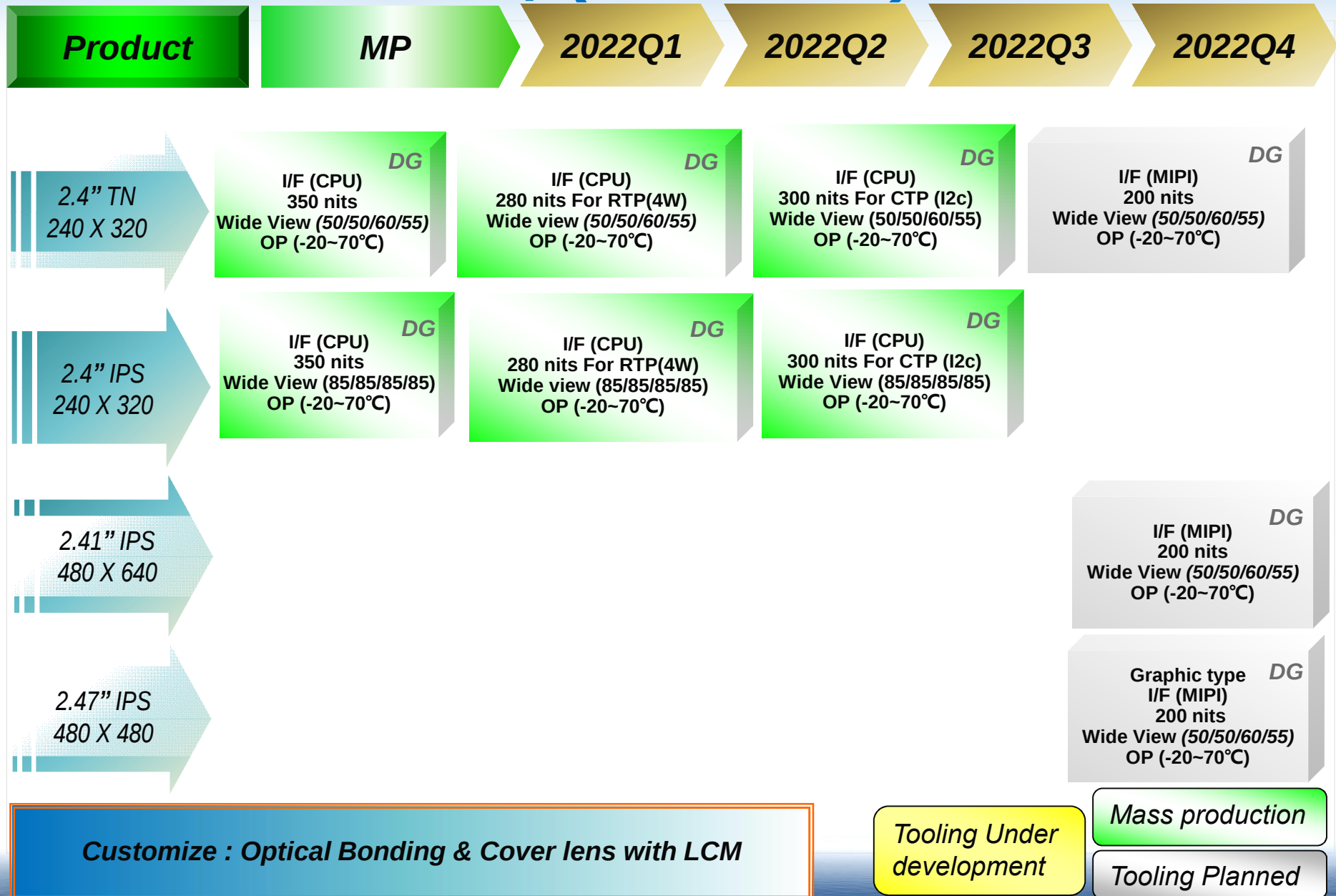
TFT Product Roadmap (1.44"~1.77")



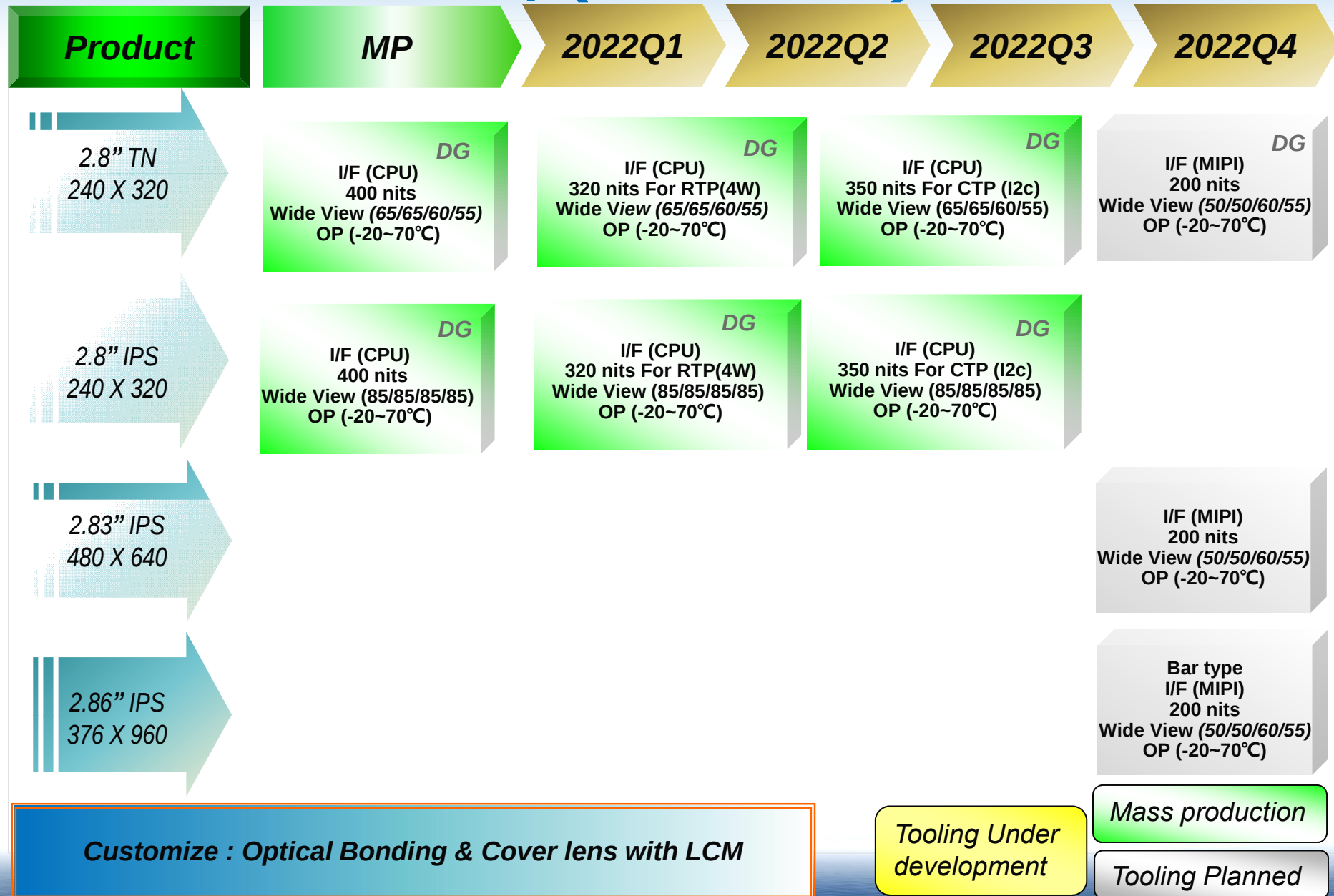
TFT Product Roadmap (2.0"~2.31")



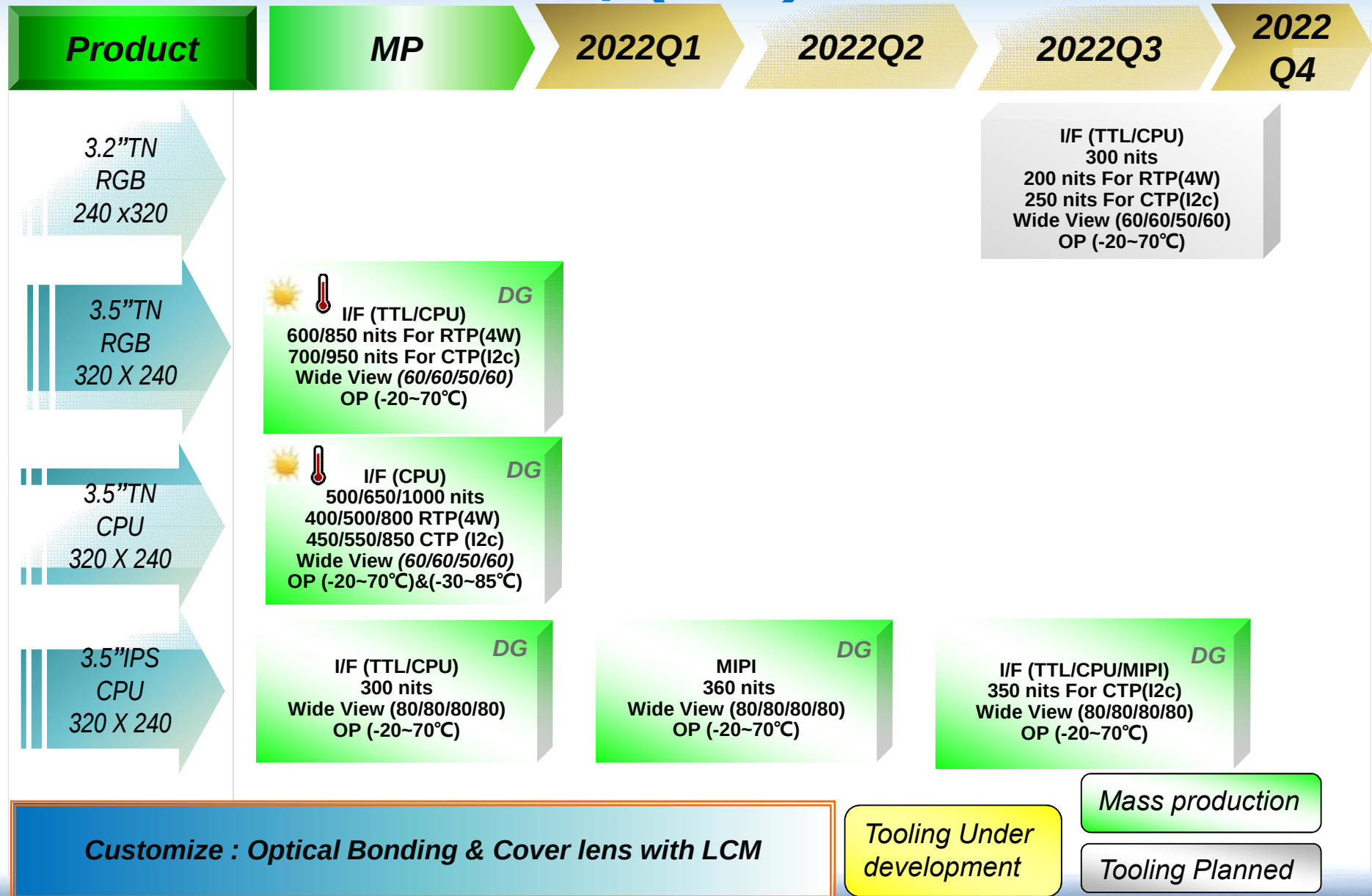
TFT Product Roadmap (2.4"~2.47")



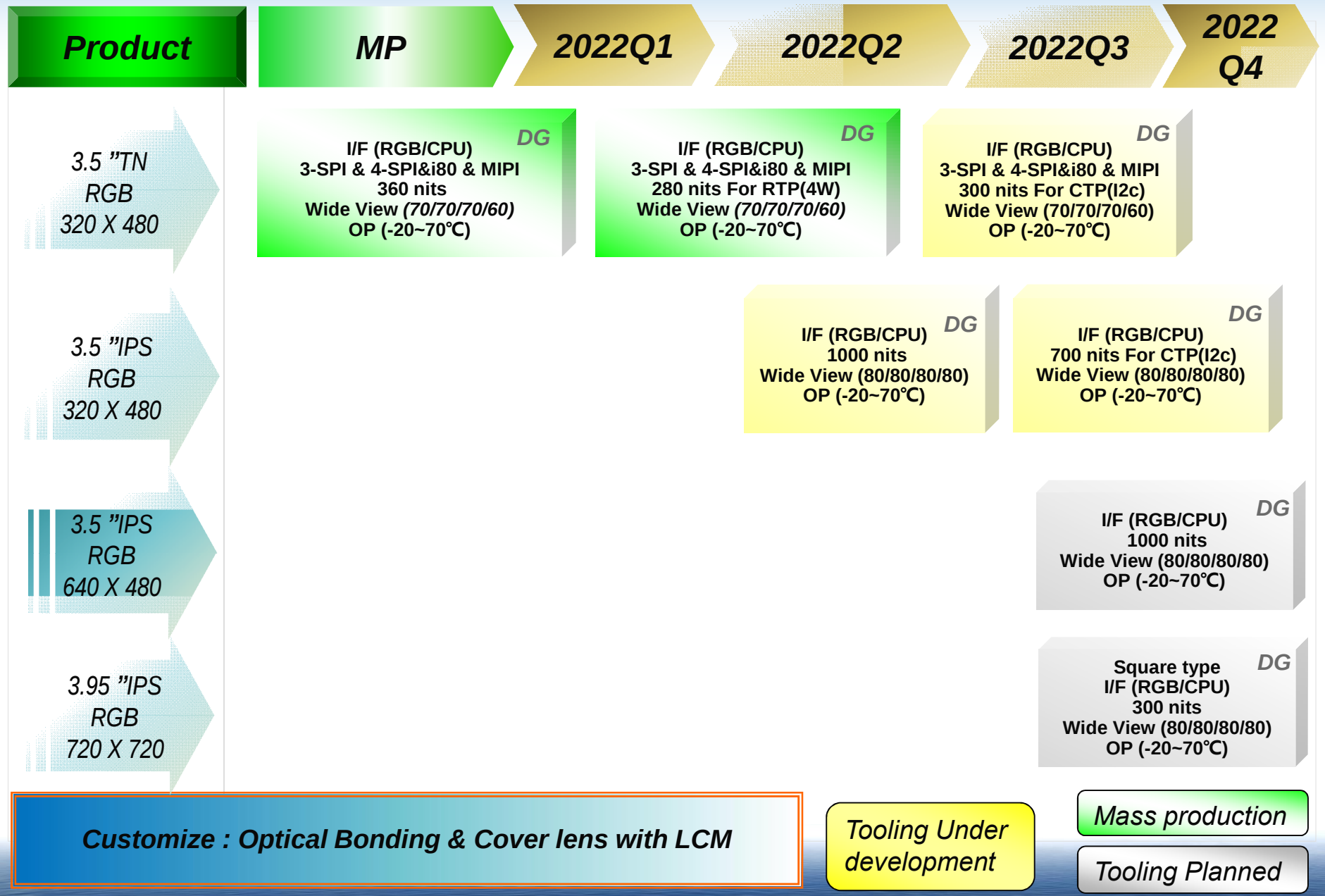
TFT Product Roadmap (2.8"~2.86")



TFT Product Roadmap (3.5")



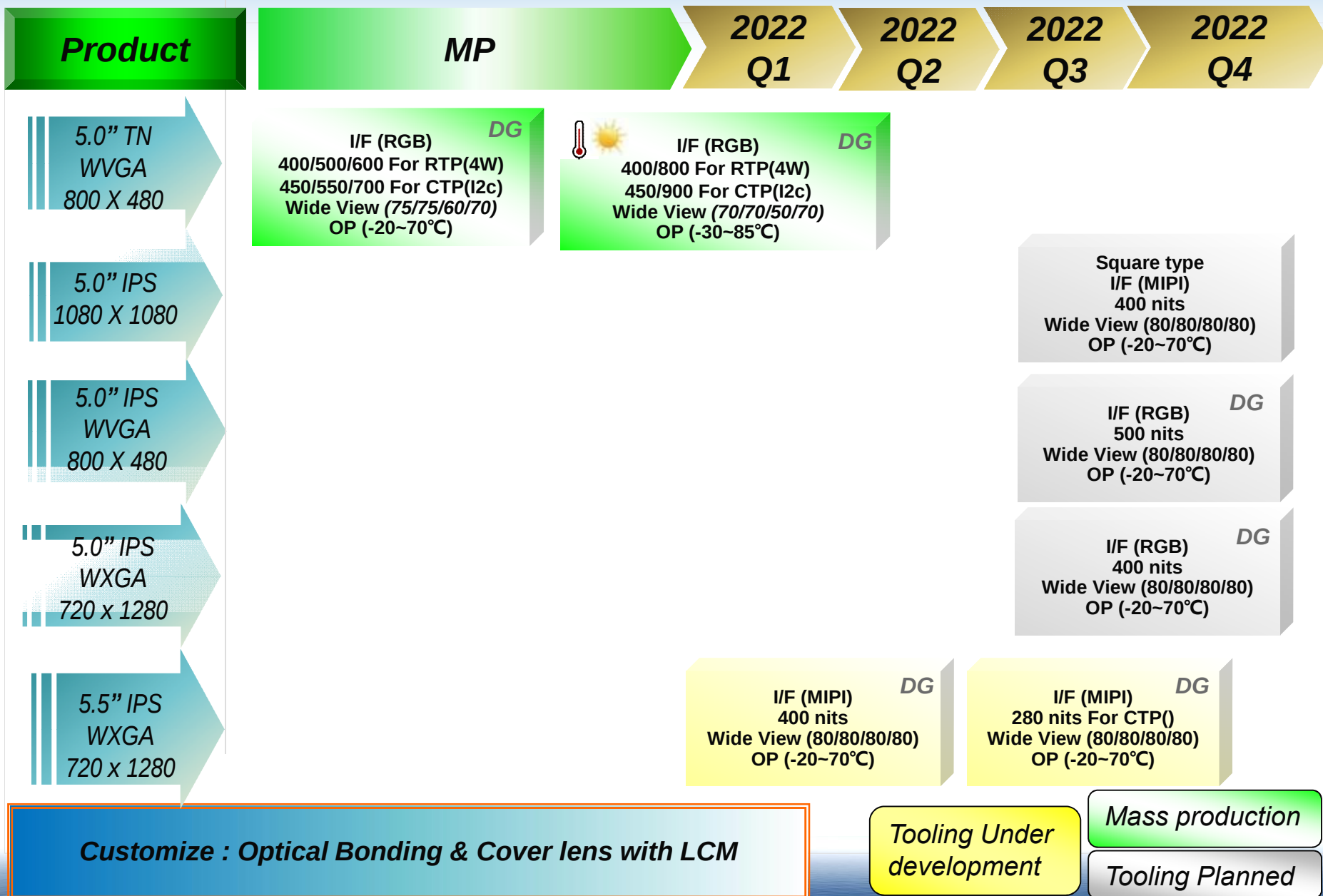
TFT Product Roadmap (3.5"~3.95")



TFT Product Roadmap (4.0"~4.3")

Product	MP	2022 Q1	2022 Q2	2022 Q3	2022 Q4
4.0" IPS WVGA 480 X 800	I/F (TTL) 300/500 nits Wide View (85/85/85/85) OP (-20~70°C) DG	I/F (TTL/MIPI) 300/500 nits Wide View (85/85/85/85) OP (-20~70°C) DG			
4.2" IPS 720 X 672				Square type I/F (RGB) 500 nits Wide View (80/80/80/80) OP (-20~70°C)	
4.3" TN WQVGA 480 X 272	 I/F (RGB) No Component 400/500/800 For RTP(4W) 450/550/1050 For CTP (I2c) Wide View (70/70/50/70) OP (-20~70°C) DG				
4.3" IPS WQVGA 480 X 272	I/F (RGB) 300/500 nits Wide View (85/85/85/85) OP (-20~70°C) DG				
4.3" IPS WVGA 800 X 480			 I/F (RGB) 300/500 nits Wide View (80/80/80/80) OP (-30~85°C) DG		
Customize : Optical Bonding & Cover lens with LCM		Tooling Under development	Mass production	Tooling Planned	

TFT Product Roadmap (5.0"~5.5")



TFT Product Roadmap (5.7"~7.0")

Product	MP	2022 Q1	2022 Q2	2022 Q3	2022 Q4
5.7" TN QVGA 320 X 240	 I/F (TTL) 550/700/1000 For RTP(4W) 600/800/1050 For CTP(I2c) Wide View (65/65/65/50) OP (-20~70°C)&(-30~85°C) DG				
5.7" TN VGA 640 X 480	 I/F (TTL/LVDS) 300/550/800 For RTP(4W) 350/600/750 For CTP(I2c) Wide View (65/65/50/55) OP (-20~70°C)&(-30~85°C) DG				
7"TN WVGA 800 X 480	 I/F (TTL/ LVDS) 400/800/1200 For RTP(4W) 450/850/1300 For CTP(I2c/USB) AA(152.4H x 91.44V) Wide View (65/65/50/65) OP (-20~70°C)&(-30~85°C) DG				
7"TN NEW WVGA 800 X 480	I/F (TTL/ LVDS) 240/400/800 For RTP(4W) 270/450/900 For CTP(I2c) AA (154.08H x 85.92V) Wide View (70/70/50/70) OP (-20~70°C) DG				

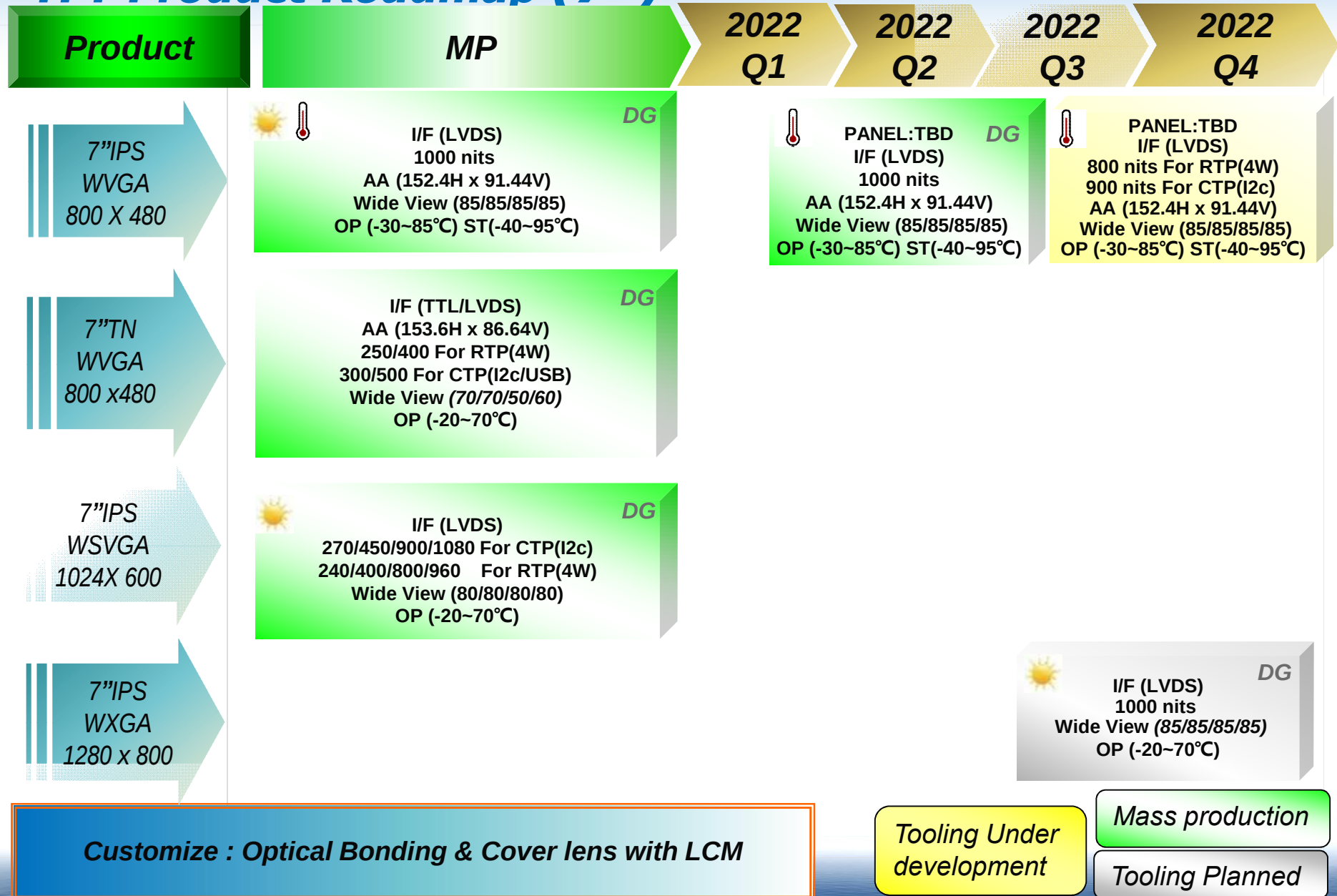
Customize : Optical Bonding & Cover lens with LCM

Tooling Under
development

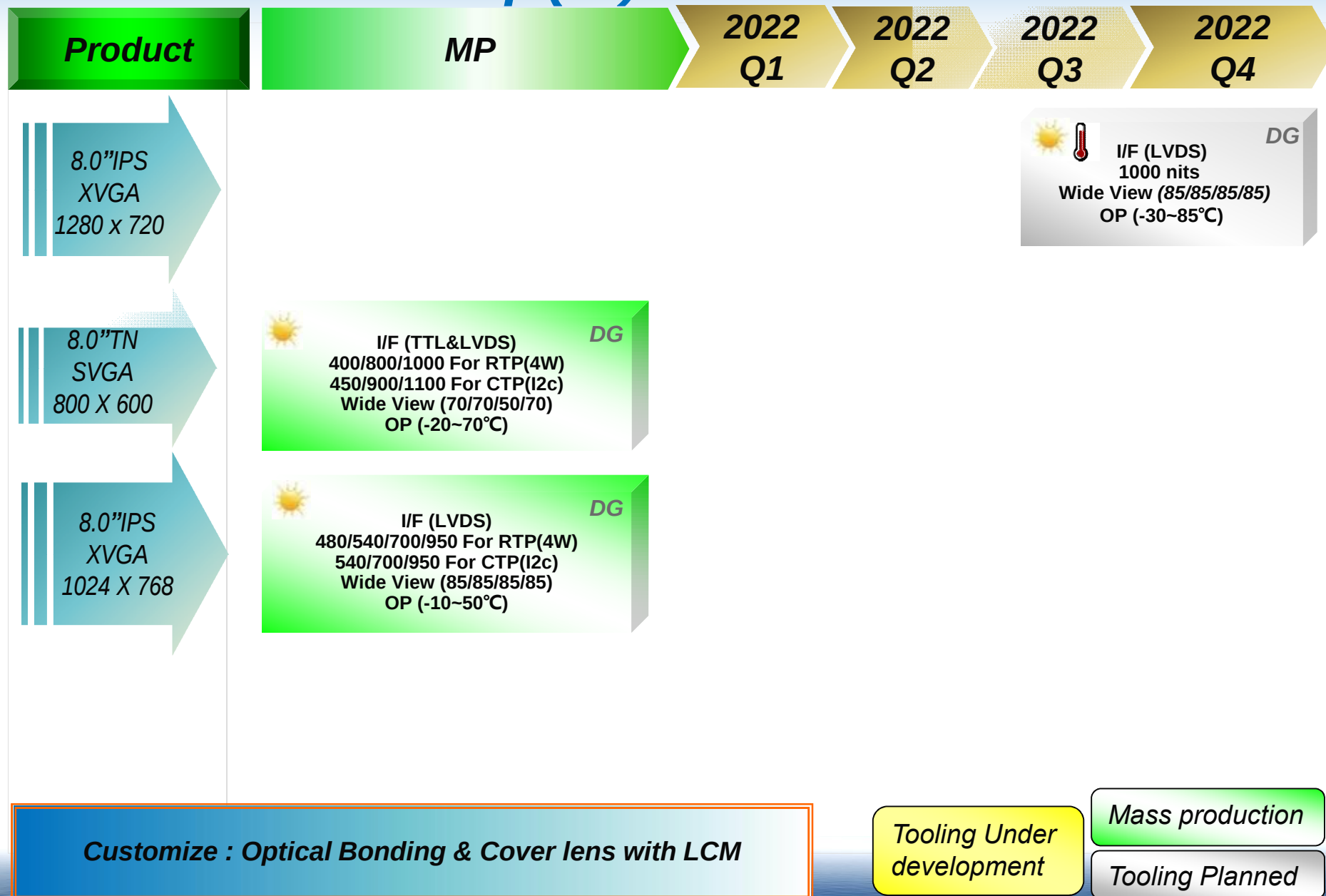
Mass production

Tooling Planned

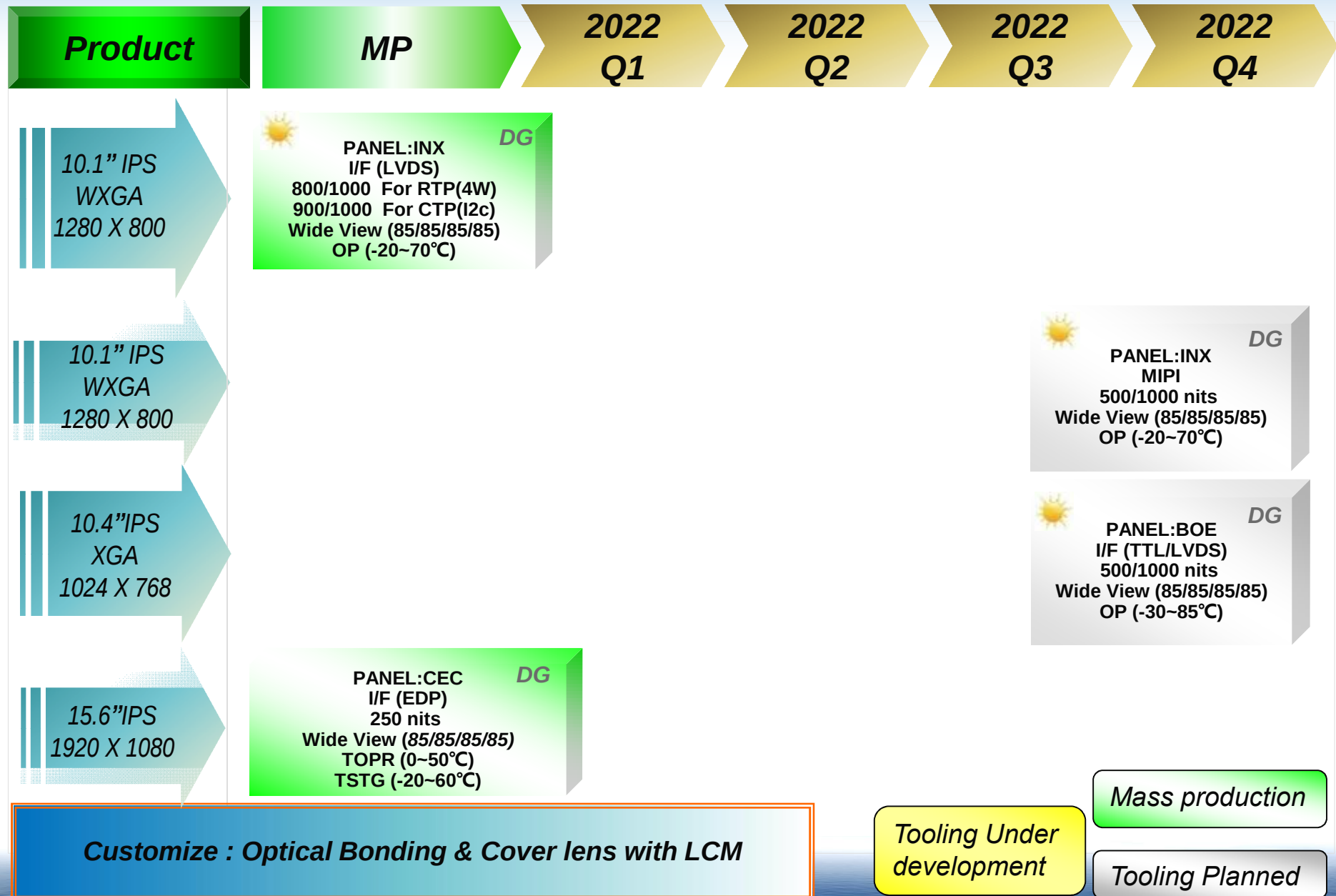
TFT Product Roadmap (7")



TFT Product Roadmap (8")



TFT Product Roadmap (10.1~15.6")



Product Features (*Signal conversion*)

TOMY can provide a wide varieties of interface conversion board to allow customer for easier adoption to their system.

Input (CMR Side)		Output (Panel Side)
MCU	•	TTL
MCU	•	LVDS
VGA	•	LVDS
DVI	•	LVDS
HDMI	•	LVDS
MIPI	•	LVDS
Display Port	•	LVDS
LVDS	•	eDP



Thank You !

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