

Date: April 7th, 2023

TO : To whom it may concern**FM :** Tianma Japan, Ltd.**RN :** TMJ-SA-0312**RE :** Notification of Phase-out / Discontinuations

This is a notification of phase-out and discontinuation for TFT-LCD products, listed on the subsequent pages. Although we continue to support our core principle for long-term Industrial product life, we must from time-to-time phase-out older generation products. This includes the need to balance our “Best in Class” long-term product life support with production efficiencies based on changing market conditions.

Although the majority of products impacted have been in mass-production for over 10 years, due to the significant decrease in global demand and the unprecedented strain on IC and other electronic components over the last 2 to 3 years, and the ongoing risk of additional material discontinuation, we regrettably must announce the Phase-out of the following products.

As part of this process, our company is consolidating the older generation product families, adding to and strengthening our new product families, in order to improve our overall service and support to all customers. We apologize for any inconvenience, but we would like to announce the following products described in this notification will be phased out.

We kindly ask all our customers to review all details carefully and help to communicate the below phase-out information to appropriate contacts as early as possible. Your kind understanding and cooperation will be highly appreciated.

1. LCD products for Industry / Monitor “A”

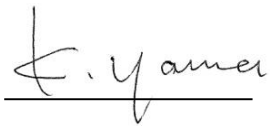
- 1) Advanced Phase-out Notification on April 7th, 2023
- 2) Phase-out Notification on April 7th, 2023
- 3) Product list to place Last Time Buy Order on September 30, 2023
- 4) Product list of Last Shipment done on September 30, 2023

2. Phased-out Product

3. Lamp Holder Set

If you have any questions, please feel free to contact sales or sales representative of TMJ.

Sincerely,



Kazuo Yamamoto
General Manager
Sales Division
Tianma Japan, Ltd.

1. LCD products for Industry / Monitor “A”

1) Advanced Phase-out Notification on April 7th, 2023

[Schedule]

Advanced Phase-out Notification:	April 7th, 2023
Phase-out Notification:	October 1, 2023
Last Time Buy Order:	September 30, 2024
Final Delivery for Last Time Buy Order:	March 31, 2025 (See *1 below.)
Discontinuation:	March 31, 2028

[Product]

Screen Size (Inches)	Part No.	Recommended Substitute (See *2 below.)
5.7	NL6448BC18-07	- Substitute development plan to be updated July 2023 (for existing design) - P0570VGF1MB00 (under planning, for new design)
6.5	NL6448BC20-21C	- Substitute development plan to be updated July 2023 (for existing design) - P0650VGF1MA00 (for new design)
6.5	NL6448BC20-21D	- Substitute development plan to be updated July 2023 (for existing design) - P0650VGF1MA10 (for new design)
6.5	NL6448BC20-30	- Substitute development plan to be updated July 2023 (for existing design) - P0650VGF1MA10 (for new design)
6.5	NL6448BC20-30A	- Substitute development plan to be updated July 2023 (for existing design) - P0650VGF1MA10 (for new design)
6.5	NL6448BC20-30C	- Substitute development plan to be updated July 2023 (for existing design) - P0650VGF1MA00 (for new design)
6.5	NL6448BC20-30D	- Substitute development plan to be updated July 2023 (for existing design) - P0650VGF1MA10 (for new design)
6.5	NL6448BC20-30F	- Substitute development plan to be updated July 2023 (for existing design) - P0650VGF1MA00 (for new design)
6.5	NL6448BC20-30JF	—
6.5	NL6448BC20-49F	- Substitute development plan to be updated July 2023 (for existing design) - P0650VGF1MA00 (for new design)
6.5	NL6448BC20-43UE	—
6.5	NL6448BC20-35	Substitute development plan to be updated July 2023
6.5	NL6448BC20-35D	Substitute development plan to be updated July 2023
6.5	NL10276BC13-01	—
6.5	NL10276BC13-01C	—
6.5	NL10276BC13-01JA	—

*1: The final delivery time for Last Time Buy Order is subject to change depending on the shipping volume.

*2: Please check the individual product specifications for compatibility of recommended substitutes.

Screen Size (Inches)	Part No.	Recommended Substitute (See *2 below.)
8.4	NL6448BC26-20F	—
8.4	NL6448BC26-22F	Substitute development plan to be updated July 2023
8.4	NL6448BC26-26	Substitute development plan to be updated July 2023
8.4	NL6448BC26-26C	Substitute development plan to be updated July 2023
8.4	NL6448BC26-26D	Substitute development plan to be updated July 2023
8.4	NL6448BC26-26F	Substitute development plan to be updated July 2023
8.4	NL6448AC26-47D	—
8.4	NL6448BC26-60UC	—
8.4	NL10276BC16-06	P0840XGF1MB00
8.4	NL10276BC16-06D	P0840XGF1MB00
9	NL8048BC24-12	NL8048BC24-09
9	NL8048BC24-12D	NL8048BC24-09D
9	NL192108AC10-01D	—
10.4	NL6448BC33-70	Substitute development plan to be updated July 2023
10.4	NL6448BC33-70C	Substitute development plan to be updated July 2023
10.4	NL6448BC33-70D	Substitute development plan to be updated July 2023
10.4	NL6448BC33-70F	Substitute development plan to be updated July 2023
10.4	NL6448BC33-70G	Substitute development plan to be updated July 2023
10.4	NL6448AC33-97D	Substitute development plan to be updated July 2023
10.4	NL6448AC33-A1D	—
10.4	NL6448BC33-99UC	—
10.4	NL10276BC20-18	P1040XGF1MB01 (under developing)
10.4	NL10276BC20-18D	P1040XGF1MB01 (under developing)
10.4	NL10276BC20-18F	P1040XGF1MA00
10.4	NL10276BC20-51DD	—
10.4	NL10276BC20-52DD	—
10.6	NL12876AC18-03	—
10.6	NL12876AC18-03D	—
12.1	NL8060BC31-50F	—
12.1	NL12880BC20-05BD	—
12.1	NL12880BC20-10ND	—

*1: The final delivery time for Last Time Buy Order is subject to change depending on the shipping volume.

*2: Please check the individual product specifications for compatibility of recommended substitutes.

2) Phase-out Notification on April 3, 2023**[Schedule]**

Advanced Phase-out Notification: Done (October 2022)
Phase-out Notification: April 7th, 2023
Last Time Buy Order: March 31, 2024
Final Delivery for Last Time Buy Order: September 30, 2024 (See *1 below.)
Discontinuation: September 30, 2027

[Product]

Screen Size (Inches)	Part No.	Recommended Substitute (See *2 below.)
8.0	NL8048BC21-03F	P0800WVF1MA00
10.4	NL6448AC33-A0D	-
10.4	NL6448BC33-98UG	-
30	NL328204AC19-01	-

*1: The final delivery time for Last Time Buy Order is subject to change depending on the shipping volume.

*2: Please check the individual product specifications for compatibility of recommended substitutes.

3) Product list to place Last Time Buy Order on September 30, 2023

[Schedule]

Advanced Phase-out Notification: Done (April 2022)
 Phase-out Notification: Done (October 2022)
 Last Time Buy Order: September 30, 2023
 Final Delivery for Last Time Buy Order: March 31, 2024 (See *1 below.)
 Discontinuation: March 31, 2027

[Product]

Screen Size (Inches)	Part No.	Recommended Substitute (See *2 below.)
5.7	NL6448AC18-08F	-
7.0	NL8048AC19-14F	P0700WVF1MA00, P0700WVF1MA10
10.4	NL10276BC20-18C	-
10.4	NL10276BC20-18BD	-
10.4	NL10276BC20-18KE	-
10.4	NL8060BC26-35BA	-
10.4	NL6448BC33-71K	-
12.1	NL12880KC20-38ND	-
12.1	NL12880BC20-25F	NL12880BC20-32F
15.0	NL10276AC30-52C	NL10276AC30-58F
15.6	NL13676BC25-03F	NL13676BC25-07F
18.5	NL192108AC21-01	P1850FHF1MB01

*1: The final delivery time for Last Time Buy Order is subject to change depending on the shipping volume.

*2: Please check the individual product specifications for compatibility of recommended substitutes.

4) Product list of Last Shipment done on September 30, 2023**[Schedule]**

Advanced Phase-out Notification: Done (October 2021)
Phase-out Notification: Done (April 2022)
Last Time Buy Order: Done (March 2023)
Final Delivery for Last Time Buy Order: September 30, 2023 (See *1 below.)
Discontinuation: September 30, 2026

[Product]

Screen Size (Inches)	Part No.	Recommended Substitute (See *2 below.)
12.1	NL12880BC20-07F	NL12880BC20-32F
15.6	NL13676AC25-01D	NL13676AC25-05D
17.0	NL128102AC26-01	-

*1: The final delivery time for Last Time Buy Order is subject to change depending on the shipping volume.

*2: Please check the individual product specifications for compatibility of recommended substitutes.

2. Phased-out Products

- ① The time of phase out with completion of repair or replacement period for following products will be September 30, 2023.

Screen Size (Inches)	LCD Module Part No.
7.0	NLB070WV01C-01
15.0	NLB150XG02L-01BA

- ② The time of phase out with completion of repair or replacement period for following products will be March 31, 2024.

Screen Size (Inches)	LCD Module Part No.
5.7	NL3224AC36-01F
15.0	NLB150XG02L-01BD

- ③ The time of phase out with completion of repair or replacement period for following products will be June 30, 2024.

Screen Size (Inches)	LCD Module Part No.
21.3	NL160120AC27-32

- ④ The time of phase out with completion of repair or replacement period for following products will be March 31, 2025.

Screen Size (Inches)	LCD Module Part No.
5.7	NL6448AC18-12F
6.5	NL6448BC20-35C
6.5	NL6448BC20-35F
7.0	NL8048BC19-02
7.0	NL8048BC19-02C
7.0	NL8048BC19-03
8.4	NL10276BC16-06KD
8.9	NL10260BC19-01D
10.4	NL6448BC33-70K
10.4	NL10276BC20-18KD
10.4	NL10276BC20-18KH
12.1	NL8060BC31-47
12.1	NL8060BC31-47D
12.1	NL10276BC24-21KH
12.1	NL10276BC24-36KD

⑤ The time of phase out with completion of repair or replacement period for following products will be September 30, 2025.

Screen Size (Inches)	Part No.
7.0	NL8048AC19-13KD
10.6	NL12876AC18-07DC
12.1	NL10276BC24-21
12.1	NL10276BC24-21F
12.1	NL10276BC24-21L
12.1	NL12880BC20-05BA
12.1	NL12880KC20-17ND
12.1	NL10276BC24-37UC
15.0	NL10276BC30-34D
15.0	NL10276BC30-34R
15.0	NL10276BC30-39
15.0	NL10276KC30-43DD
15.0	NL10276KC30-50DD
15.0	NL10276KC30-46ND
15.0	NL10276KC30-54ND
15.0	NL10276KC30-61ND
21.3	NL204153AC21-17
21.3	NL204153AC21-22
21.3	NL204153AC21-25
21.3	NL160120AC27-37
21.3	NL256204AC16-01
21.3	NL256204AM16-02A
21.3	NL204153AM21-18A
21.3	NL204153AM21-18E
21.3	NL204153AM21-24A
21.3	NL160120AM27-33A
21.3	NL160120AM27-38A

⑥ The time of phase out with completion of repair or replacement period for following products will be March 31, 2026.

Screen Size (Inches)	Part No.
7	NL8048AC19-14KH
10.4	NL10276BC20-47
10.4	NL10276HC20-39

3. Lamp Holder Set

Size	Lamp Holder Set	Last Time Buy Order	Adaptable LCD module
6.5	65LHS13	September 30th, 2024	NL10276BC13-01 NL10276BC13-01C NL10276BC13-01JA
6.5	65LHS14	September 30th, 2024	NL6448BC20-21C NL6448BC20-21D
6.5	65LHS15	September 30th, 2024	NL6448BC20-30A NL6448BC20-30C NL6448BC20-30F NL6448BC20-30JF NL6448BC20-35C NL6448BC20-35F
6.5	65LHS16	September 30th, 2024	NL6448BC20-30 NL6448BC20-30D NL6448BC20-35 NL6448BC20-35D
7.0	70LHS05	September 30th, 2023	NL8048BC19-02 NL8048BC19-02C NL8048BC19-03
8.4	84LHS12	September 30th, 2024	NL6448BC26-20F NL6448BC26-22F
8.4	84LHS19	September 30th, 2024	NL10276BC16-06 NL10276BC16-06D NL10276BC16-06KD
8.9	89LHS07	September 30th, 2024	NL10260BC19-01D
9.0	90LHS07	September 30th, 2024	NL8048BC24-12 NL8048BC24-12D
9.0	90LHS08	September 30th, 2024	NL192108AC10-01D

Size	Lamp Holder Set	Last Time Buy Order	Adaptable LCD module
10.4	104LHS71	September 30th, 2023	NL10276BC20-47
10.4	104LHS201	September 30th, 2024	NL6448AC33-97D NL6448AC33-A0D
10.4	104LHS50	September 30th, 2024	NL10276BC20-18C NL10276BC20-18F NL10276BC20-18KE NL10276BC20-18KH
10.4	104LHS55	September 30th, 2024	NL10276BC20-18 NL10276BC20-18D NL10276BC20-18BD NL10276BC20-18KD
10.6	106LHS01	September 30th, 2024	NL12876AC18-03 NL12876AC18-03D NL12876AC18-07DC
11.1	111LHS01	September 30th, 2023	NL13676BC18-01D
12.1	121LHS205	September 30th, 2023	NL12880BC20-25F
12.1	121LHS26	September 30th, 2023	NL10276BC24-21 NL10276BC24-21L NL10276BC24-36KD NL10276BC24-37UC
12.1	121LHS29	September 30th, 2023	NL8060BC31-47 NL8060BC31-47D
12.1	121LHS32	September 30th, 2024	NL10276BC24-21F NL8060BC31-50F NL10276BC24-21KH
15.0	150LHS36	September 30th, 2023	NL10276BC30-34D NL10276BC30-34R
15.0	150LHS38	September 30th, 2023	NL10276BC30-39 NL10276KC30-43DD NL10276KC30-46ND NL10276KC30-50DD NL10276KC30-54ND NL10276KC30-61ND
15.6	156LHS201	September 30th, 2023	NL13676AC25-01D
17.0	170LHS201	September 30th, 2023	NL128102AC26-01