



Date: October 1, 2024

TO : To whom it may concern

FM : Tianma Japan, Ltd.

RN : TMJ-PP-2290

RE : Notification of Phase-out

This is a notification of phase-out 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.

Note: Please note some products use a polarizer that contains UV328.

Contents

| | |
|--|--------------|
| 1. LCD products for Industry / Monitor ----- | Page 3 to 7 |
| 1.1) NEW Advanced Phase-out Notification on October 1st, 2024 | |
| 1.2) REVISED Phase-out Notification on July 1st, 2024 | |
| 1.3) NEW Phase-out Notification on October 1st, 2024 ① | |
| 1.4) REVISED Phase-out Notification on October 1st, 2024 ② | |
| 1.5) REVISED Phase-out Notification on December 1st, 2024 | |
| 1.6) Product list to place Last Time Buy Order on March 31st, 2025 | |
| 1.7) Product list to place Last Time Buy Order on September 30th, 2025 | |
| 1.8) Product list of Last Shipment done on March 31st, 2025 ① | |
| 1.9) Product list of Last Shipment done on March 31st, 2025 ② | |
| 1.10) Product list of Last Shipment done on December 20th, 2025 | |
| 1.11) Product list of Last Shipment done on December 31st, 2024 | |
| 2. LED Driver Board ----- | Page 8 |
| 3. PCAP Touch panel Controller Board ----- | Page 8 |
| 4. Wiring Harness for LED driver board ----- | Page 8 |
| 5. Lamp Holder Set ----- | Page 9 to 10 |

Tianma Japan, Ltd.



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

Sincerely,

A handwritten signature in black ink that reads 'R. Kawashima'. The signature is written in a cursive style and is positioned above a horizontal line.

Rick Kawashima
Chief manager

Tianma Japan, Ltd.
Sales Division
Sales Promotion Department

Tianma Japan, Ltd.

1. LCD products for Industry / Monitor

1.1) NEW Advanced Phase-out Notification on October 1st, 2024

[Schedule]

Advanced Phase-out Notification: October 1st, 2024
 Phase-out Notification: April 1st, 2025
 Last Time Buy Order: March 31st, 2026
 Final Delivery for Last Time Buy Order: September 30th, 2026 (See *1 below.)

[Product]

| Screen Size (Inches) | Part No. | Recommended Substitute (See *2 below.) |
|----------------------|-----------------|--|
| 12.1 | NL12880AC20-20D | P1210WXF1MB00 |

*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.

1.2) REVISED Phase-out Notification on July 1st, 2024

[Schedule]

Advanced Phase-out Notification: Done (January 5th, 2024)
 Phase-out Notification: Done (July 9th, 2024)
 Last Time Buy Order: June 30th, 2025 → June 30th, 2026 (Postponement)
 Final Delivery for Last Time Buy Order: December 31st, 2025
 → December 31st, 2026 (Postponement)
 (See *1 below.)

[Product]

| Screen Size (Inches) | Part No. | Recommended Substitute (See *2 below.) |
|----------------------|-----------------|--|
| 15.0 | NL10276AC30-42D | P1500XGF1MB03 (Under developing) |
| 15.0 | NL10276AC30-45D | P1500XGF1MB03 (Under developing) |

*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.

1.3) NEW Phase-out Notification on October 1st, 2024 ①

[Schedule]

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

[Product]

| Screen Size (Inches) | Part No. | Recommended Substitute (See *2 below.) |
|----------------------|----------------|--|
| 7 | NLB070WV01L-01 | P0700WVF1MA10 |
| 8.4 | NLB084SV01L-01 | P0840SVN1MB00 |

*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.

1.4) REVISED Phase-out Notification on October 1st, 2024 ②

[Schedule]

Advanced Phase-out Notification: Done (April 1st, 2024)
 Phase-out Notification: October 1st, 2024
 Last Time Buy Order: September 30th, 2025
 Final Delivery for Last Time Buy Order: March 31st, 2026 (See *1 below.)

[Product]

| Screen Size (Inches) | Part No. | Recommended Substitute |
|----------------------|-----------------|------------------------|
| 8.4 | NL6448BC26-27F | — |
| 10.1 | NL12880AC16-01D | — |
| 19.0 | NL128102AC29-17 | — |

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

1.5) REVISED Phase-out Notification on December 1st, 2024

[Schedule]

Advanced Phase-out Notification: Done (January 5th, 2024)
 Phase-out Notification: December 1st, 2024
 Last Time Buy Order: June 30th, 2025 → June 30th, 2026 (Postponement)
 Final Delivery for Last Time Buy Order: December 31st, 2025
 → December 31st, 2026 (Postponement)
 (See *1 below.)

[Product]

| Screen Size (Inches) | Part No. | Recommended Substitute (See *2 below.) |
|----------------------|----------------|--|
| 15.0 | NLB150XG01L-01 | P1500XGF1MB01 (Under developing) |

*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.

1.6) Product list to place Last Time Buy Order on March 31st, 2025

[Schedule]

Advanced Phase-out Notification: Done (October 2nd, 2023)
 Phase-out Notification: Done (April 1st, 2024)
 Last Time Buy Order: March 31, 2025
 Final Delivery for Last Time Buy Order: September 30, 2025 (See *1 below.)

[Product]

| Screen Size (Inches) | Part No. | Recommended Substitute |
|----------------------|------------------|------------------------|
| 8.4 | NL8060AC21-21KD | — |
| 15.0 | NL10276AC30-42C | — |
| 15.3 | NL12876BC26-32D | — |
| 15.3 | NL12876BC26-33NA | — |

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

1.7) Product list to place Last Time Buy Order on September 30th, 2025

[Schedule]

Advanced Phase-out Notification: Done (April 3rd, 2023)
 Phase-out Notification: Done (October 2nd, 2023)
 Last Time Buy Order: September 30th, 2025
 Final Delivery for Last Time Buy Order: March 31st, 2026 (See *1 below.)

[Product]

| Screen Size (Inches) | Part No. | Recommended Substitute (See *2 below.) |
|----------------------|----------------|---|
| 8.4 | NL6448BC26-26 | P0840VGF1MB00 (Developing, Compatible X,Y outline dimensions) |
| 8.4 | NL6448BC26-26C | P0840VGF1MA00 (Developing, Compatible X,Y outline dimensions) |
| 8.4 | NL6448BC26-26D | P0840VGF1MB00 (Developing, Compatible X,Y outline dimensions) |
| 8.4 | NL6448BC26-26F | P0840VGF1MA00 (Developing, Compatible X,Y outline dimensions) |
| 10.4 | NL6448BC33-70 | P1040VGF1MB00 (Developing, Compatible X,Y outline dimensions) |
| 10.4 | NL6448BC33-70C | P1040VGF1MA00 (Developing, Compatible X,Y outline dimensions) |
| 10.4 | NL6448BC33-70D | P1040VGF1MB00 (Developing, Compatible X,Y outline dimensions) |
| 10.4 | NL6448BC33-70F | P1040VGF1MA00 (Developing, Compatible X,Y outline dimensions) |
| 10.4 | NL6448BC33-70G | P1040VGF1MB01 (Developing, Compatible X,Y outline dimensions) |

*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.

1.8) Product list of Last Shipment done on March 31st, 2025 ①

[Schedule]

| | |
|---|----------------------------------|
| Advanced Phase-out Notification: | Done (April 3rd, 2023) |
| Phase-out Notification: | Done (October 2nd, 2023) |
| Last Time Buy Order: | Done (June 20th, 2024) |
| Final Delivery for Last Time Buy Order: | March 31st, 2025 (See *1 below.) |

[Product]

| Screen Size (Inches) | Part No. | Recommended Substitute (See *2 below.) |
|----------------------|------------------|---|
| 6.5 | NL6448BC20-21C | P0650VGF2MA20 (Developing, Compatible X,Y outline dimensions) |
| 6.5 | NL6448BC20-21D | P0650VGF2MA20 (Developing, Compatible X,Y outline dimensions) |
| 6.5 | NL6448BC20-30 | P0650VGF2MB30 (Developing, Compatible X,Y outline dimensions) |
| 6.5 | NL6448BC20-30C | P0650VGF2MA30 (Developing, Compatible X,Y outline dimensions) |
| 6.5 | NL6448BC20-30D | P0650VGF2MB30 (Developing, Compatible X,Y outline dimensions) |
| 6.5 | NL6448BC20-30F | P0650VGF2MA30 (Developing, Compatible X,Y outline dimensions) |
| 6.5 | NL6448BC20-30JF | — |
| 6.5 | NL6448BC20-35 | P0650VGF2MB31 (Developing, Compatible X,Y outline dimensions) |
| 6.5 | NL6448BC20-35D | P0650VGF2MB31 (Developing, Compatible X,Y outline dimensions) |
| 6.5 | NL10276BC13-01 | — |
| 6.5 | NL10276BC13-01C | — |
| 6.5 | NL10276BC13-01JA | — |
| 8.4 | NL6448BC26-20F | P0840VGF1MA01 (Developing, Compatible X,Y outline dimensions) |
| 8.4 | NL6448BC26-22F | P0840VGF1MA01 (Developing, Compatible X,Y outline dimensions) |
| 8.4 | NL10276BC16-06 | P0840XGF1MB00 |
| 8.4 | NL10276BC16-06D | P0840XGF1MB00 |
| 9.0 | NL8048BC24-12 | NL8048BC24-09 |
| 9.0 | NL8048BC24-12D | NL8048BC24-09D |
| 10.4 | NL10276BC20-18 | P1040XGF1MB01 |
| 10.4 | NL10276BC20-18D | P1040XGF1MB01 |
| 10.4 | NL10276BC20-18F | P1040XGF1MA00 |
| 10.6 | NL12876AC18-03 | — |
| 10.6 | NL12876AC18-03D | — |
| 12.1 | NL8060BC31-50F | — |

*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.

1.9) Product list of Last Shipment done on March 31st, 2025 ②

[Schedule]

Advanced Phase-out Notification: Done (April 3rd, 2023)
 Phase-out Notification: Done (October 2nd, 2023)
 Last Time Buy Order: Done (September 30th, 2024)
 Final Delivery for Last Time Buy Order: March 31st, 2025 (See *1 below.)

[Product]

| Screen Size (Inches) | Part No. | Recommended Substitute |
|----------------------|------------------|------------------------|
| 8.4 | NL6448AC26-47D | — |
| 10.4 | NL6448AC33-A1D | — |
| 12.1 | NL12880BC20-05BD | — |

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

1.10) Product list of Last Shipment done on December 20th, 2025

[Schedule]

Advanced Phase-out Notification: Skipped
 Phase-out Notification: Done (March 1st, 2024)
 Last Time Buy Order: Done (September 30th, 2024)
 Final Delivery for Last Time Buy Order: December 20th, 2025 (See *1 below.)

[Product]

| Screen Size (Inches) | Part No. (See *1 below.) | Recommended Substitute |
|----------------------|--------------------------|------------------------|
| 5.7 | NL6448BC18-07 | — |

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

1.11) Product list of Last Shipment done on December 31st, 2024

[Schedule]

Advanced Phase-out Notification: Done (April 2023)
 Phase-out Notification: Done (July 2023)
 Last Time Buy Order: Done (November 30th, 2023)
 Final Delivery for Last Time Buy Order: December 31st, 2024 (See *1 below.)

[Product]

| Screen Size (Inches) | Part No. | Recommended Substitute |
|----------------------|------------------|------------------------|
| 9.0 | NL192108AC10-01D | — |

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

2. LED Driver Board

| Part No. | Last Time Buy Order | Final Delivery for Last Time Buy Order (See *1 below.) | Adaptable LCD module |
|----------|-----------------------------|--|---|
| 65PW01F | Done (September 30th, 2024) | March 31st, 2025 | NL6448BC20-30 NL6448BC20-30D NL6448BC20-35 NL6448BC20-35D |
| 104PW02F | Done (September 30th, 2024) | March 31st, 2025 | NL10276BC20-18 NL10276BC20-18D NL10276BC20-18BD NL10276BC20-51DD NL10276BC20-52DD |

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

3. PCAP Touch panel Controller Board

| Part No. | Last Time Buy Order | Final Delivery for Last Time Buy Order (See *1 below.) | Adaptable LCD module |
|----------|-----------------------------|--|--|
| PTPW02 | Done (September 30th, 2024) | March 31st, 2025 | NL6448BC20-30JF |
| PTPW04 | March 31st, 2025 | September 30th, 2025 | NL10276BC13-01JA NL12880BC20-10ND NL12876BC26-33NA |
| PTPW05 | March 31st, 2025 | September 30th, 2025 | NL6448BC20-30JF NL10276BC13-01JA NL12876BC26-33NA |

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

4. Wiring Harness for LED driver board

| Part No. | Last Time Buy Order | Final Delivery for Last Time Buy Order (See *1 below.) | Adaptable LCD module |
|----------|-----------------------------|--|---|
| 104CBL01 | Done (September 30th, 2024) | March 31st, 2025 | NL10276BC20-18 NL10276BC20-18D NL10276BC20-18BD NL10276BC20-51DD NL10276BC20-52DD |
| 121CBL03 | Done (September 30th, 2024) | March 31st, 2025 | NL10276BC20-18C NL10276BC20-18F NL10276BC20-18KE NL8060BC31-50F |

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

Tianma Japan, Ltd.

5. Lamp Holder Set

| Size | Lamp Holder Set | Last Time Buy Order | Final Delivery for Last Time Buy Order (See *1 below.) | Adaptable LCD module |
|------|-----------------|-----------------------------|--|---|
| 6.5 | 65LHS13 | Done (September 30th, 2024) | March 31st, 2025 | NL10276BC13-01 NL10276BC13-01C NL10276BC13-01JA |
| 6.5 | 65LHS14 | Done (September 30th, 2024) | March 31st, 2025 | NL6448BC20-21C NL6448BC20-21D |
| 6.5 | 65LHS15 | Done (September 30th, 2024) | March 31st, 2025 | NL6448BC20-30A NL6448BC20-30C NL6448BC20-30F NL6448BC20-30JF NL6448BC20-35C NL6448BC20-35F |
| 6.5 | 65LHS16 | Done (September 30th, 2024) | March 31st, 2025 | NL6448BC20-30 NL6448BC20-30D NL6448BC20-35 NL6448BC20-35D |
| 7.0 | 70LHS201 | March 31st, 2025 | September 30th, 2025 | NLB070WV01C-01 NLB070WV01L-01 |
| 8.4 | 84LHS12 | Done (September 30th, 2024) | March 31st, 2025 | NL6448BC26-20F NL6448BC26-22F |
| 8.4 | 84LHS19 | Done (September 30th, 2024) | March 31st, 2025 | NL10276BC16-06 NL10276BC16-06D NL10276BC16-06KD |
| 8.4 | 84LHS202 | March 31st, 2025 | September 30th, 2025 | NLB084SV01L-01 |
| 9.0 | 90LHS07 | Done (September 30th, 2024) | March 31st, 2025 | NL8048BC24-12 NL8048BC24-12D |
| 9.0 | 90LHS08 | Done (September 30th, 2024) | March 31st, 2025 | NL192108AC10-01D |

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

| Size | Lamp Holder Set | Last Time Buy Order | Final Delivery for Last Time Buy Order (See *1 below.) | Adaptable LCD module |
|------|-----------------|--|--|---|
| 10.4 | 104LHS50 | Done (September 30th, 2024) | March 31st, 2025 | NL10276BC20-18C NL10276BC20-18F NL10276BC20-18KE NL10276BC20-18KH |
| 10.4 | 104LHS55 | Done (September 30th, 2024) | March 31st, 2025 | NL10276BC20-18 NL10276BC20-18D NL10276BC20-18BD NL10276BC20-18KD NL10276BC20-51DD NL10276BC20-52DD |
| 10.6 | 106LHS01 | Done (September 30th, 2024) | March 31st, 2025 | NL12876AC18-03 NL12876AC18-03D NL12876AC18-07DC |
| 12.1 | 121LHS32 | Done (September 30th, 2024) | March 31st, 2025 | NL10276BC24-21F NL8060BC31-50F NL10276BC24-21KH |
| 15.0 | 150LHS201 | June 30th, 2025 → June 30th, 2026 (Postponement) | December 31st, 2026 | NLB150XG01L-01 |
| 15.0 | 150LHS202 | June 30th, 2025 → June 30th, 2026 (Postponement) | December 31st, 2026 | NL10276AC30-42C NL10276AC30-42D |
| 15.0 | 150LHS203 | June 30th, 2025 → June 30th, 2026 (Postponement) | December 31st, 2026 | NL10276AC30-45D |
| 15.3 | 153LHS201 | March 31st, 2025 | September 30th, 2025 | NL12876BC26-32D NL12876BC26-33NA |

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

| Document No. | REVISION HISTORY |
|--------------|---|
| TMJ-PP-2290 | <p>Updates from TMJ-PP-2207</p> <p>P3</p> <ul style="list-style-type: none"> 1.1) NEW Advanced Phase-out Notification on October 1st, 2024 <ul style="list-style-type: none"> •Add NL12880AC20-20D 1.2) REVISED Phase-out Notification on July 1st, 2024 <ul style="list-style-type: none"> •NL10276AC30-42D, NL10276AC30-45D Schedule of Last Time Buy Order and Final Delivery for Last Time Buy Order postponed. <ul style="list-style-type: none"> •Last Time Buy Order: June 30th, 2025 → June 30th, 2026 •Final Delivery for Last Time Buy Order: December 31st, 2025 → December 31st, 2026 <p>P4</p> <ul style="list-style-type: none"> 1.3) NEW Phase-out Notification on October 1st, 2024 ① <ul style="list-style-type: none"> •Add NLB070WV01L-01 and NLB084SV01L-01 1.4) REVISED Phase-out Notification on October 1st, 2024 ② <ul style="list-style-type: none"> •Status update from Advanced Phase-out Notification 1.5) REVISED Phase-out Notification on December 1st, 2024 <ul style="list-style-type: none"> •NLB150XG01L-01 Schedule of Last Time Buy Order and Final Delivery for Last Time Buy Order postponed. <ul style="list-style-type: none"> •Last Time Buy Order: June 30th, 2025 → June 30th, 2026 •Final Delivery for Last Time Buy Order: December 31st, 2025 → December 31st, 2026 <p>P8</p> <ul style="list-style-type: none"> 2. LED Driver Board <ul style="list-style-type: none"> •Add Final Delivery for Last Time Buy Order 3. PCAP Touch Panel Controller Board <ul style="list-style-type: none"> •Add Final Delivery for Last Time Buy Order 4. Wiring Harness for LED Driver Board <ul style="list-style-type: none"> •Add Final Delivery for Last Time Buy Order <p>P9 and P10</p> <ul style="list-style-type: none"> 5. Lamp Holder Set <ul style="list-style-type: none"> •Add Final Delivery for Last Time Buy Order •Add 70LHS201, 84LHS202 (Due to all adaptable LCD modules in Phase-out process) •150LHS201, 150LHS202, 150LHS203 Schedule of Last Time Buy Order postponed. <ul style="list-style-type: none"> •Last Time Buy Order: June 30th, 2025 → June 30th, 2026 <ul style="list-style-type: none"> •Delete Product list of Last Shipment done on September 30th, 2024 (P8 in TMJ-PP-2207) (Due to Last Shipment: September 30th, 2024 expiration) |