



Product End of Life Notification

EOL No: 2025-08-11-01
Report Date: August 11, 2025
Update: November 7, 2025
Subject: HTT50A-TPC-BLM-XX HTT50A-TPR-BLM-XX
HTT50G-TPC-BLM-XX HTT50A-TPN-BLM-XX
End of Life

List of Products to be Obsolete and Replacement Offerings

Obsoleted:	Replacement:
HTT50A-TPC-BLM-B0-H5-CH-V5	HTT50A-IPS-TPC-BLH-B0-H5-CH-V5<-option>
HTT50A-TPC-BLM-B0-H6-CH-V5	HTT50A-IPS-TPC-BLH -B0-H6-CH-V5<-option>
HTT50A-TPC-BLM-B0-H5-CH-VPT	HTT50A-IPS-TPC-BLH -B0-H5-CH-VPT<-option>
HTT50A-TPC-BLM-B0-H6-CH-VPT	HTT50A-IPS-TPC-BLH-B0-H6-CH-VPT<-option>
HTT50A-TPR-BLM-B0-H5-CH-V5	HTT50A-IPS-TPC-BLH-B0-H5-CH-V5<-option>
HTT50A-TPR-BLM-B0-H6-CH-V5	HTT50A-IPS-TPC-BLH-B0-H6-CH-V5<-option>
HTT50A-TPR-BLM-B0-H5-CH-VPT	HTT50A-IPS-TPC-BLH-B0-H5-CH-VPT<-option>
HTT50A-TPR-BLM-B0-H6-CH-VPT	HTT50A-IPS-TPC-BLH-B0-H6-CH-VPT<-option>
HTT50G-TPC-BLM-B0-H5-CH-V5	HTT50G-IPS-TPC-BLH-B0-H5-CH-V5<-option>
HTT50G-TPC-BLM-B0-H6-CH-V5	HTT50G-IPS-TPC-BLH-B0-H6-CH-V5<-option>
HTT50G-TPC-BLM-B0-H5-CH-VPT	HTT50G-IPS-TPC-BLH-B0-H5-CH-VPT<-option>
HTT50G-TPC-BLM-B0-H6-CH-VPT	HTT50G-IPS-TPC-BLH-B0-H6-CH-VPT<-option>
HTT50A-TPN-BLM-B0-H5-CH-V5	HTT50A-IPS-TPC-BLH-B0-H5-CH-V5<-option>
HTT50A-TPN-BLM-B0-H6-CH-V5	HTT50A-IPS-TPC-BLH-B0-H6-CH-V5<-option>
HTT50A-TPN-BLM-B0-H5-CH-VPT	HTT50A-IPS-TPC-BLH-B0-H5-CH-VPT<-option>
HTT50A-TPN-BLM-B0-H6-CH-VPT	HTT50A-IPS-TPC-BLH-B0-H6-CH-VPT<-option>
	Options available:
	-HAP haptic motor
	-SPK piezo buzzer

The HTT50x-TPx-BLM-B0-Hx-CH-Vx (all models) series will be going obsolete; we have released HTT50x-**IPS**-TPx-BLH-B0-Hx-CH-Vx as replacements. The new [HTT50A-IPS](#) is a newer IPS technology (free viewing angle) high brightness (600-1000 nits) TFT display; new optional features are offered. **The new parts are available now.**

The old HTT50x-TPx-BLM-B0-Hx-CH-Vx use PCB 1.x while the new HTT50x-IPS-TPx-BLH-B0-Hx-CH-Vx uses PCB 3.x. Both PCBs share the same dimension (121.2mm x 92.5mm)

Schedule of Change:

August 11, 2025

Update: November 7, 2025 for HTT50A-TPN and HTT50G-TPC series

The new HTT50x-IPS-TPx-BLH-B0-Hx-CH-Vx series are available now. We recommend any new design and development to be based on the new display.

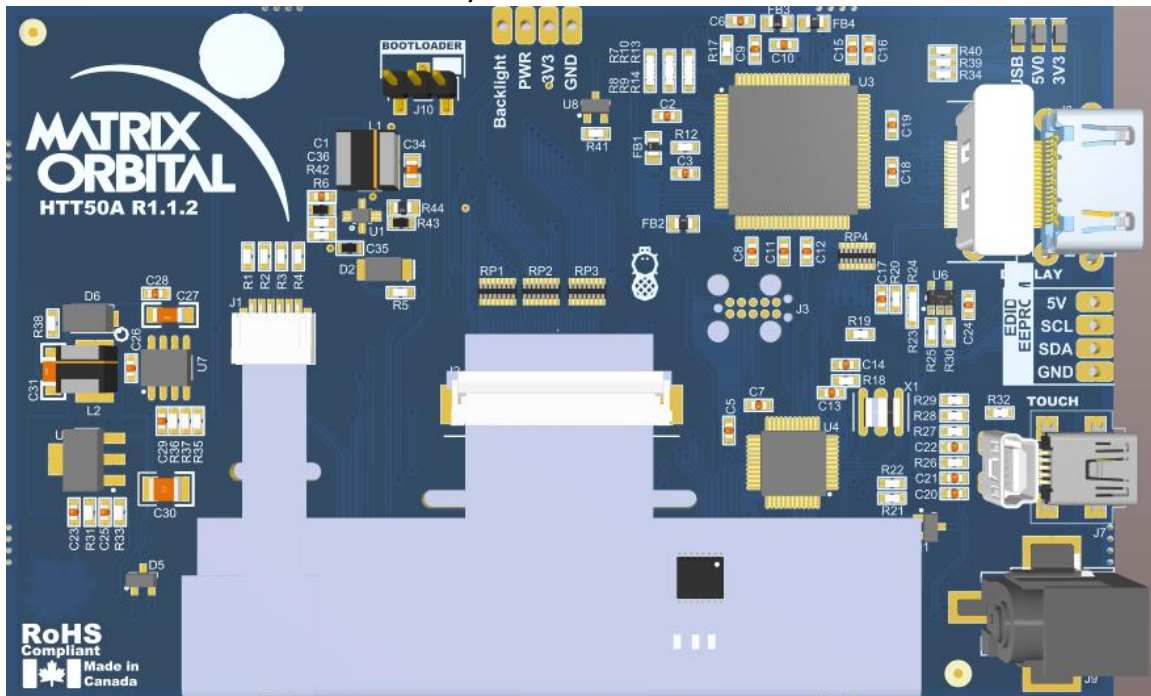
Module Feature Comparison:

1. IPS-BLH in-plane switching, high brightness displays are used in the new series. The new TFT panel power consumption is 500mW more than the older display. For power sensitive applications, it is possible to purchase the new display with backlight turned down, via a custom order. Please contact Sales for details.
2. HDMI, USB and power header locations have moved; please see image below.
3. H5 and H6 header options now use vertical barrel jack power header (as opposed to horizontal barrel jack in the old module). Please see image below.
4. New H7 and H8 header options are offered:
 - H7 – Horizontal HDMI, (4pin) Horizontal Micro MATE-N-LOK USB, (2pin) Horizontal Micro MATE-N-LOK power
 - H8 – Vertical HDMI, (4pin) Vertical Micro MATE-N-LOK USB, (2pin) Vertical Micro MATE-N-LOK power
4. Optional features:
 - HAP – vibratory motor

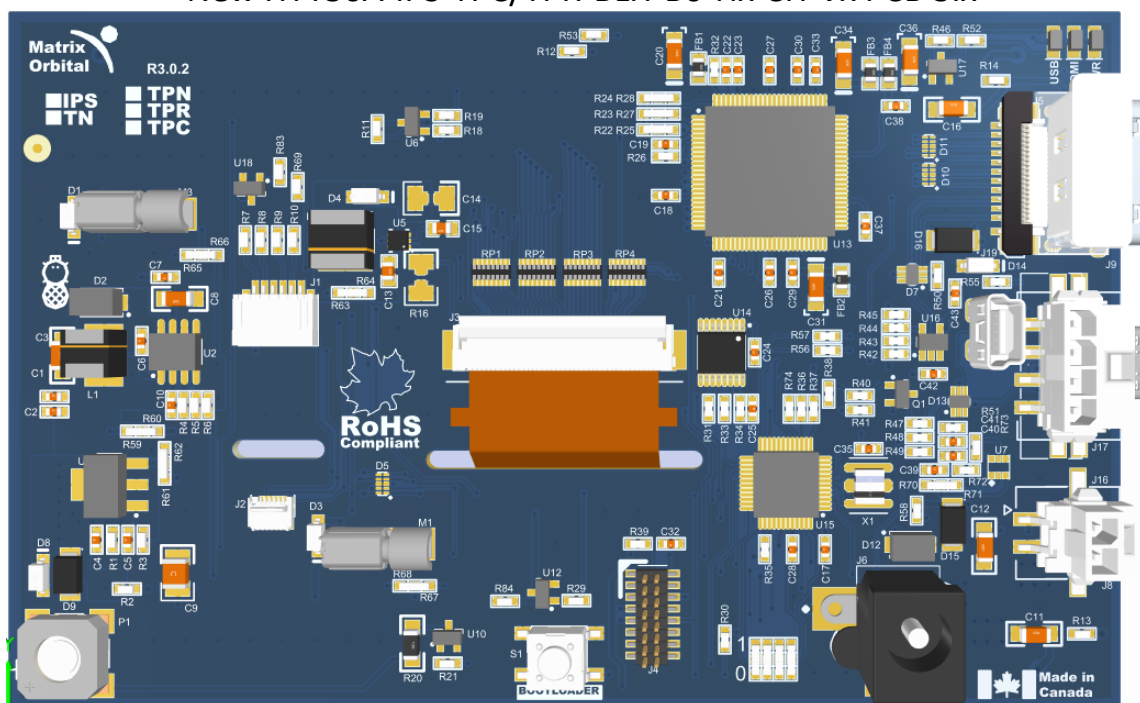
- SPK – piezo buzzer
5. Pads for Backlight, PWR, 3V3 and GND (top center) and 5V, SCL, SDA and GND (middle right) are no longer on the new PCB module.
 6. Bootloader header is changed to a switch.

Please see the manual for in depth details.

Old HTT50A-TPC/TPR-BLM-B0-Hx-CH-Vx PCB 1.x



New HTT50A-IPS-TPC/TPR-BLH-B0-Hx-CH-Vx PCB 3.x



Documentation Revision

Revision	Changes	Date	Author
1.1	Added TPN and G-TPC on EOL list	November 7, 2025	R. Malinis
1.0	Initial release	August 11, 2025	R. Malinis

Contact Information:

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Approvals:

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