

End-of-Sale and End-of-Life Announcement for v110 EPD products

Pervasive Displays announces the end-of-sale and end-of life dates for the v110 EPD product family. The last day to order the affected product(s) is Feb 28, 2013. Customers will continue to receive support from Pervasive Display as shown in Table 1 of the EoL bulletin. Table 1 describes the end-of-life milestones, definitions, and dates for the affected product(s). Table 2 lists the product part numbers affected by this announcement.

Table 1. End-of-Life Milestones and Dates for the v110 EPD product family

Milestone	Definition	Date
End-of-Life Announcement Date	The date the document that announces the end of sale and end of life of a product is distributed to the general public.	January 31, 2014
End-of-Sale Date	The last date to order the product. The product is no longer for sale after this date.	February 28, 2014
Last Ship Date:	The last-possible ship date that can be requested. Actual ship date is dependent on lead time.	September 30, 2014
End of SW Maintenance Releases Date: SW, HW	The last date that Pervasive Display may release any final software maintenance releases or bug fixes. After this date, Pervasive Display will no longer develop or maintain software	December 31, 2014
End of Routine Failure Analysis Date: HW	The last-possible date a routine failure analysis may be performed to determine the cause of hardware product failure or defect.	September 30, 2015

HW = Hardware

SW = Application Software

Table 2. Product Part Numbers Affected by This Announcement

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
EB019AS011	1.9" V110a V8 G1b EC PS	EB019BS011	1.9" V230 V8 G2 Hot Melt PS	
EG020AS012	2" V110a V8 G1b EC PS	EG020BS011	2" V230 V8 G2 Hot Melt PS	
EG020AS013	2" V110a V9 G1b EC PS	EG020BS012	2" V230 V9 G2 Hot Melt PS	
EN026AS011	2.6" V110a V8 G1b EC PS	EN026BS011	2.6" V230 V8 G2 Hot Melt PS	
EM027AS012	2.7" V110a V8 G1b EC PS	EM027BS013	2.7" V230 V8 G2 Hot Melt PS	
EM027AS013	2.7" V110a V9 G1b EC PS	EM027BS014	2.7" V230 V9 G2 Hot Melt PS	
ET044AS013	4.41" V110a V8 EC PS	ET044BS011	4.41" V230 G2 Hot Melt PS	
EW074AT012	7.4" V110 EC PS	EW074BT011	7.4" V230 EC PS	

Product Migration Options

Some customers may prefer to develop a new PCB to reduce the overall cost as fewer components are required to operate the replacement product. For customers that prefer to keep their same PCB and potentially phase in a new PCB design as their schedule permits, software changes are still required to operate the replacement product.

Keeping the same PCB design, the software changes to be compatible with the replacement product Chip On Glass required are listed below:

- No PWM signal required at startup
- The Serial Output from the EPD to the MCU can now be utilized.
- SPI register Index 0x09 now uses 1 byte instead of two.

- The serial clock cycle can support 50ms instead of 80ms.
- VCC minimum is now 2.3V instead of 2.7V.
- One buffer space for storing images is required instead of two buffers.
- No change required for EPD Power On except removing PWM control.
- EPD Initialization requires rework.
- The Data input method to the Chip On Glass must change from the previous FIFO method to a Mapping method.
- Getting the sharpest image with the replacement product requires 3 stages instead of 4 stages. The 3 stage method includes a new algorithm.
- Power Off changes are minimal.

For More Information

To request more information about replacement products or migration options please contact your local sales manager.