

Dear Partners:

Welcome back from Holiday. Happy new year, and wish you have a prosperous Y2019.

- New year holiday is coming early Feb. and it may bring influence to the production capacity of whole supply chain. Please check your customer's demand for Q1 and release the order shortly.
- Powertip will attend the Embedded world dated on Feb. 26-28 at Nuremberg, Germany. It's our pleasure to have you there and we would like to share our new Embedded solution with you.
- **Regarding CPT financial issue**, we do have alternative source for all items in order to continue supply our product. The LCD we are purchasing from CPT is listed below:
 - 2.8" (PH240320T-063 series)
 - 4.3" (PH480272T-006 series)
 - 5" (PH800480T-018 series)
 - 7" MIPI (PH7201280-003 series).

All above items we have certain number of stocks in house, and there are all have alternative sources from another TFT suppliers for backup solution. There is no any impact to current open order.

We will prepare new samples for evaluation purpose which is based on exactly same mechanical and same pin assignment, and the software might need to be modified.

We are considering to phase out those items which we have no orders in the past 1 year, Please check with your list if you will need to place the last buy order before 20190130 with the latest delivery schedule before 20190630.

- Please refer to the followings as VA (Vertical alignment) graphic monochrome display.
- Please check with your contact window for further details.

item	Part number	Resolution	Viewing Area W*L	Active area W*L
1	PE12864WRP-086-L-Q	128* 64	70.7 * 38.8 mm	66.54* 33.26 mm
2	PE12864WRP-085-L-Q	128* 64	45.2 * 27.0 mm	40.95 *24.31 mm
3	PE24064WRP-009-L-Q	240*64	156 *44.29 mm	151.17*40.29 mm
4	PE32032WRP-004-L-Q	320*32	144.8 * 22.2 mm	142.7 * 19.82 mm

- Please refer to the followings as Powertip Full Viewing Angle (80*80*80*80) TFT display
- Please check with your contact window for further details.

Size	Part no.	Display type	Operation temperature
2"	PH240320T074-ZAA01	Portrait	-20~70'C
2.4"	PH240320T073-ZAA	Portrait	-20~70'C
2.8"	PH240320T075-ZEA	Portrait	-20~70'C
3.5"	PH320240T028-ZEA	Landscape	-20~70'C
3.5"	PH320240T028-ZEA01	Landscape	-30~85'C
4.3"	PH800480T028-ZFA	Landscape	-30~85'C
7"	PH800480T027-ZHA	Landscape	-30~85'C
7"	PH102600T013-ZFA	Landscape	-20~70'C