

## Product Change Notification

**Document No.**                      **PCN-A-1091008**                      **Revision**                      **1.0**

**PCN TOPIC:**    Winmate changes E500RM8's panel and touch.

**INTRODUCTION:** This is the notification for customers that Winmate changes E500RM8's panel and touch.


**DETAILS:**

The original panel and touch have already EOL, Winmate needs to change the E500RM8's panel and touch (optical bonding).

The new panel and touch dimension, resolution, brightness, contrast ratio are all same as the original, but the driver IC is different, so need to upgrade image.

**Comparison Table:**

<u>Item</u>	<u>Old</u>	<u>New</u>
<b><u>Model Name</u></b>	<b>TDO-HD0499K00032</b>	<b>TDO-0499F62561-E</b>
<b><u>Size</u></b>	5 inches	5 inches
<b><u>Resolution</u></b>	1280 x 720	1280 x 720
<b><u>Brightness</u></b>	500 nits	500 nits
<b><u>Contrast Ratio</u></b>	800:1	800:1
<b><u>LCD Driver IC</u></b>	<b>HX8394-F</b>	<b>ST7703</b>

APPROVE:  MD:      EE:      TE:      PE:

		<u>Chromaticity</u>				
<b>Old</b>	CIE (x, y) chromaticity CIE 色度坐标	Red x	$\theta=0^\circ$ $\phi=0^\circ$ $T_a=25^\circ\text{C}$	0.5903	0.6403	0.6903
		Red y		0.2935	0.3435	0.3935
		Green x		0.2716	0.3216	0.3716
		Green y		0.5465	0.5965	0.6465
		Blue x		0.1020	0.1520	0.2020
		Blue y		-	0.0482	0.0982
		White x		0.2335	0.2935	0.3535
		White y		0.2552	0.3152	0.3752
<b>New</b>	CIE (x, y) chromaticity CIE 色度坐标	Red x	$\theta=0^\circ$ $\phi=0^\circ$ $T_a=25^\circ\text{C}$	0.5880	0.638	0.6880
		Red y		0.2923	0.3423	0.3923
		Green x		0.2993	0.3493	0.3993
		Green y		0.5421	0.5921	0.6421
		Blue x		0.1033	0.1533	0.2033
		Blue y		0.0149	0.0649	0.1149
		White x		0.2619	0.3219	0.3819
		White y		0.2896	0.3496	0.4096

**IMPACT PRODUCT LIST:**


Model Name	
PDA	E500RM8

**RELEASE DATE:**

Oct 08, 2020

**Will be effective from Oct 08, 2020**

**ISSUED BY: Johnny Lin**

APPROVE:  MD: EE: TE: PE: