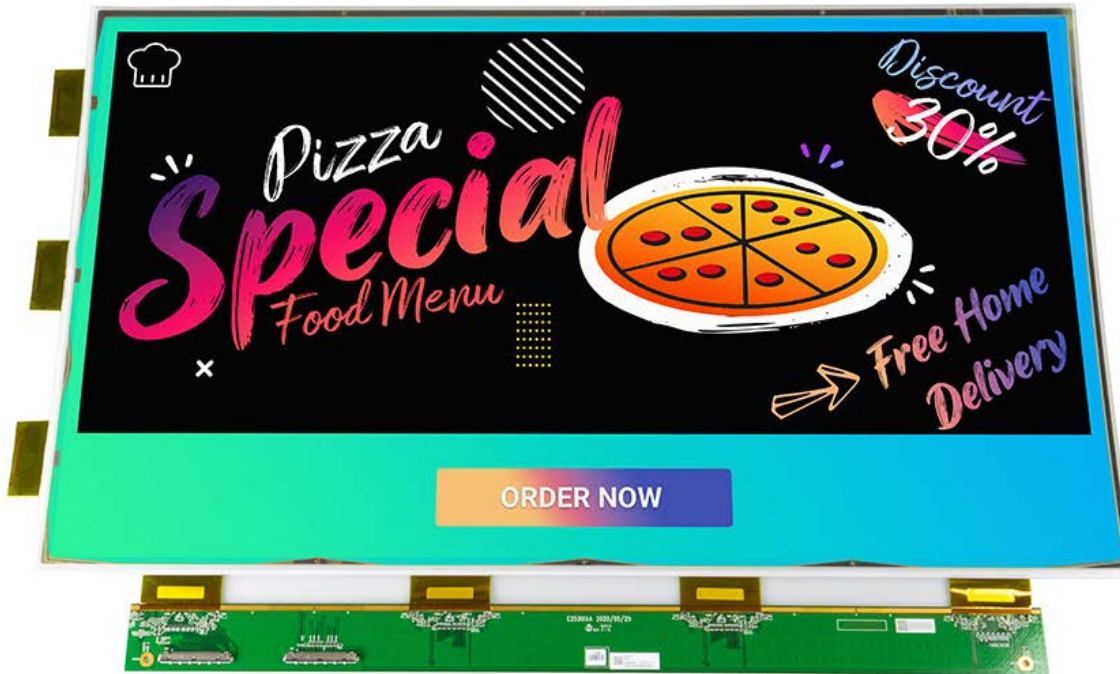


AC253TT1

25.3" Advanced Color ePaper (E Ink Gallery™)



60.000
Colors

36s
Refresh
Time

24/7
Always
On

Low Power
Consumption

The [full color 25.3" EPD](#) is a reflective electrophoretic E Ink® technology display module based on active matrix TFT substrate. The diagonal length of active area is 25.3" with aspect ratio 16:9 and contains 3200 x 1800 pixels. The using of mini-LVDS gives an advantage of reduced noise levels and better EMC behavior. The significant feature is the narrow operating temperature range. The form factor, well known from the TFT world, extends the applications area for the panel. It can be successfully implemented in advertisement signage and retail signage.



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TECHNICAL SUPPORT & CONTACT INFORMATION
FOR MORE INFORMATION, CUSTOMIZED ADAPPTIONS
AND NEW DESIGNS PLEASE [VISIT OUR WEBSITE](#)

MECHANICAL SPECIFICATIONS

PARAMETER	SPECIFICATIONS	UNIT	REMARK
SCREEN SIZE	25.3	inch	16:9
DISPLAY RESOLUTION	3200(H) x 1800(V)	Pixel	DPI: 144
ACTIVE AREA	560.0(H) x 315.0(V)	mm	
PIXEL PITCH	175(H) x 175(V)	um	
PIXEL CONFIGURATION	Rectangle		
OUTLINE DIMENSION	576.5(H) x 333.0(V) x 0.953(D)	mm	w/o masking film
MODULE WEIGHT	426	g	
DISPLAY OPERATING MODE	Reflective mode		
SURFACE TREATMENT	Anti-glare		
OPERATING TEMP. RANGE	+15 .. +35	°C	
STORAGE TEMPERATURE	-25 .. +50	°C	

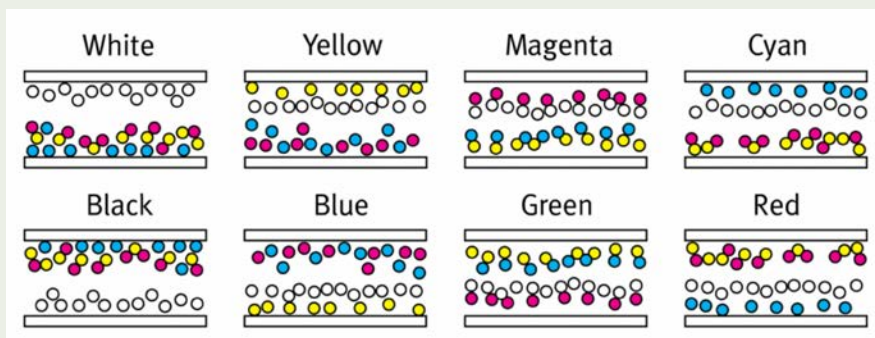
OPTICAL CHARACTERISTICS

SYMBOL	PARAMETER	CONDITIONS	TYP.	UNIT	NOTE
R	Reflectance	White	35	%	Note 1
CR	Contrast Ratio	-	10		-
Gamut	Color Saturation	-	60K	dE^3	
T _{update_RS}	Update time	A → W → B	36	sec	Note 2

Note 1 : Luminance meter : Eye – One Pro Spectrophotometer

Note 2 : Pattern switch : Clean mode (White) -> Picture; not include dwell time

HOW TO MAKE ACeP COLORS



- White pigments reflect light & hide unneeded color pigments
- Color pigments are coloring the reflected light

