

Sharp AQUOS Zero OLED panel – detailed structure analysis report

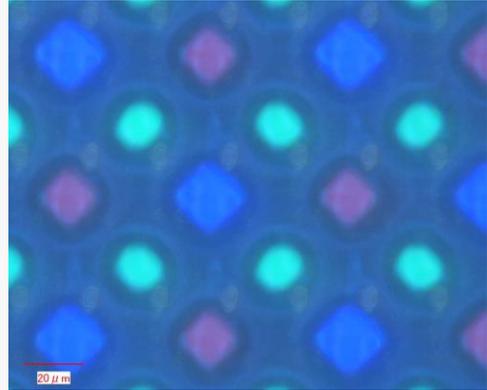
November 2018. LTEC Corporation released a detailed structure analysis report of OLED panel of AQUOS Zero.



AQUOS zero (Top)



AQUOS zero (Bottom)



Pixel image

Product outline

- 1stAQUOS phone equipped OLED panel
- Panel size: 6.2 inch, Resolution: 2,992 x 1,440
- Curved display is used at both front and back surface

Key analysis results

- Circular patterns are formed on the back of the TFT substrate
- Gate drive circuit is arranged on both sides of the panel longer side

The report (47 pages) includes product teardown, observation of pixel under lit condition, observation of the panel periphery (four corners), observation of each layer of pixel, pixel circuit analysis, and pixel SEM cross section analysis.

Note: The report price decreases over time. Contact info@ltecusa.com for current price.

18G-0030-1

Table of Contents

	Page
Executive summary	3
1. Product outline	4
2. Product teardown	6
3. Panel analysis	9
4. Pixel plain view analysis	35
5. Pixel cross section analysis	42
6. Pixel circuit analysis	47

18G-0025-1



LTEC Corporation US Representative Office
No.203 2880 Zanker Road San Jose, CA 95034

Phone: (408) 432-7247
www.ltecusa.com Contact: info@ltecusa.com