

FAQ0067

Frequently Asked Questions

480*800 TFTLCD refresh frequency via XMC

Questions:

What is the refresh frequency of 480*800 TFTLCD through XMC?

Answer:

Refresh testing conditions:

1. Refresh fixed color data
2. TFTLCD resolution is 480*800, display in RGB, and parallel interface 16-bit data transfer

When AHBCLK=200MHz, AT32F403 has the fastest refresh frequency of 52.08 frame/S

When AHBCLK=72MHz, AT32F403 has the fastest refresh frequency of 31.24 frame/S

Type: MCU applications

Applicable products: AT32F403, AT32F403A, AT32F407, AT32F435, AT32F437

Main function: XMC

Minor function: None

Document revision history

| Date | Revision | Changes |
|-------------|-----------------|-----------------|
| 2022.2.16 | 2.0.0 | Initial release |

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