

Requirements

Overview

- 32 or 64-bit architecture is recommended for optimal performance.
- RAM and ROM requirements are dependent on the underlying media technology and performance expectations. The strict minimum is 4 KiB but more RAM can be used to improve overall performances. ROM usage is approximately 30 KiB.
- ISO/IEC 9899:1999 (a.k.a C99) compliant compiler.
- Hardware Teensy 3.5
- Arduino framework
- 2.9 inch e-Paper Modul
- Dual targeting strategy
- Testable SOLID design
- Code Coverage
- Portable
- Function coverage

Requirement Specification

1. Create writable menu
2. Display design in pixel font Arial
3. Refresh every 0.5 milli sec
4. Use Serial for IO
5. Data in time Analog and Digital
6. Written in C language
7. Bug free RTOS implementation

Modules/Design



