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Sheet1

Operator interface:

- 7-segment display: amplitude/rate/count/trigger/status/time/date/... (under-/over-,range, ...)
- LEDs: operating mode(single, repetitive, triggered, thresholded, loss, ...)/operating status (ready/running, ...)
- sw1-8: set displayed values
- sw9-12: mode select
- sw13: run/pause/stop/reset
- rotary encoder: increase/decrease
- remote control console: puTTY or ?

Implementation features:

- analog data capture: by ADC + DMA.
- data display: in TimerN interrupt
- data recording: by SPI + Sdcard in fatfs
- scheduling: by RTC
- data reporting: by USB
- task scheduling:

SysTick time-sliced task switches

SVC for task switch requests

PendSV-implemented task switches setup by SysTick and SVC.

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maintainer document (PDF):

user's manual (PDF):

acceptance tests (PDF):

work directory: containing the well-commented source (one module)

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