

PAY v1.0 Datasheet

Features

- Features an STM32H743IIT6 MCU
 - ARM Cortex-M7
 - 2 MBytes Flash
 - 1 MByte RAM
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 - LQFP-64 Package
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- HSE: 24MHz. LSE: 32.768kHz
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General Description

The **datasheet** document class makes it easy to write great looking data sheets using the LaTeX typesetting system. It follows the classic style used by most manufacturers of electronic components.

You can download the document class from [latex-datasheet-template](#) GitHub repository. The repository includes this example datasheet as **example.tex** and the document class as **datasheet.cls**. You can build the PDF document using command `latexmk -pdf`.

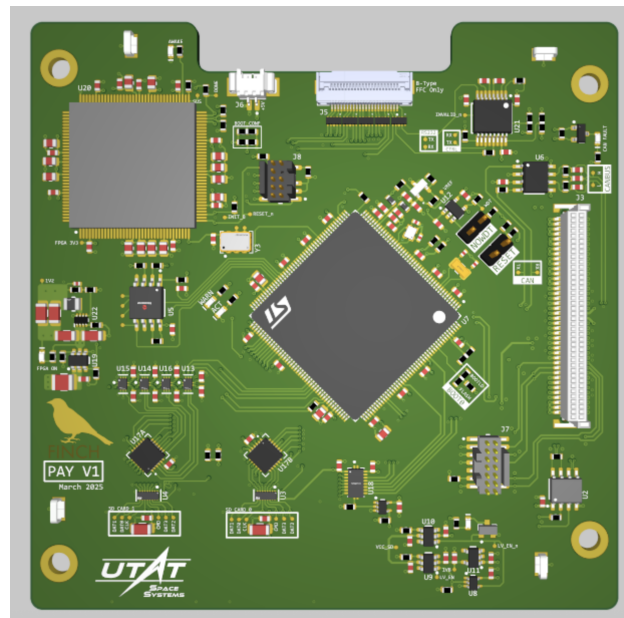


Figure 1: PAY v1.0

Block Diagram

RTC

Real time clock (RTC) is a battery-powered external clock available to OBC for timekeeping and synchronization purposes.

Electrical Specifications

Board Layout

Timing

Peripherals

Sensors

Thermistors

Manufacturing