Pre-computer electronics for finite state machines including making a calculator: boot ROMs/firmware (mask ROM/diode matrix), punch cards, memory mapped IO for LEDs and keyboards and volatile RAM (SRAM and DRAM) (eg rom for e and pi in calculator, (could have big page on sequential/combinatorial logic before, and could introduce some of these here)

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October 14, 2024

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Preface

This is a live document, and is full of gaps, mistakes, typos etc.

Part I

Manufacturing CPUs

Part II

RAM and storage

Part III

Motherboards

Part IV

Keyboards, printers and terminals