



WORK IN PROGRESS

Last update: 15/01/2022

Timmy

To be looked at and corrected if needed in next major update of PCB to Rev. 0.2:

1. EAP input to be inserted as now kept continuously high (0) when non-active
2. Numbers and locations of decoupling capacitors to be optimised
3. Any outstanding changes and errors fixed found during PCB Rev 0.12 testing
4. Cache SRAM might not work in the video RAM place (U8) - to be checked.

Revision:

0.12 - PCB size changed to TC2048/PCB4

- Duff port read added

0.11 - PCB drawn in TC2048 format and all components do not fit

0.1 - redrawn from TC2048 rev.15 by Superio with minor modifications to the logic

- 74HC153 mux used

- joystick interface with 74HC4040

- diode-resistor logic replaced with discrete gates

- tape input with LM393 comparator for discrete sensitivity

- for prototyping

Based on TC2048 clone (rev.1b) by Superio

Sheet: /

File: 2021.19 TimmyHQ.sch

Title: TimmyHQ

Size: A1

Date: 2022-01-15

Kicad E.D.A. Kicad (5.1.3-5-10.1.1)

Rev: 0.12

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SPECCLY