Here you'll find all of the files needed to open/modify and order
a motherboard for the TRS-80 Color Computer 2 models 26-302x.

The schematic was captured in KiCAD, an open source EDA program
available to for anyone to download and use for free. To open and edit
the design you'll need KiCAD 5.1.5 or above. If you just want to order
the boards as they are from a PCB manufacturer, the gerber and drill
files are included so that you can do this.

What's included.

26-302x	A directory containing the KiCAD project files for the board.
coco2_26-302x_kicad_schematic.pdf	PDF version of the KiCAD schematic
coco2_bom.csv	A CSV formatted version of the Bill Of Materials or parts list.
coco2_bom.html	An HTML formatted version of the Bill Of Materials or parts list.
coco2_bom.ods	A ODS formatted version of the Bill Of Materials or parts list.
gerber	A directory containing there gerber files.
interactive_bom.html	An interactive web page to help locate parts and assemble the board.
README.odt	ODT version of the README
README.pdf	PDF version of the README

The Bill Of Materials has a small section at the bottom called Extras,
This lists chips an other little accessories to build the board.
Occasionally parts will become obsolete or out of stock but
everything is pretty much available from several manufacturers so for
the most part you should be able to find substitute components.

Exceptions are the CPU, the SAM and the DRAM chips. These are
obsolete but at the time of this writing you can still find lots of old new
stock on Ebay and the like.

The assembly can be time consuming but it is not too difficult.
Here is a series of videos making a CoCo 2 using one of these
boards.

Part 1
https://youtu.be/H2KNHDKdDhw

Part 2
https://youtu.be/MNNGa4_IVk4

Part 3
https://youtu.be/sGEANZCR-Eo

Part 4
https://youtu.be/OPx7hGcEO9U

Questions/comments

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