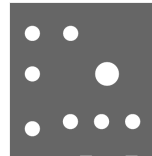
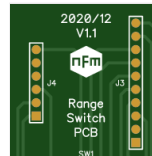
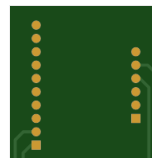
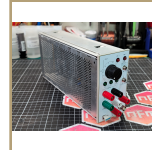
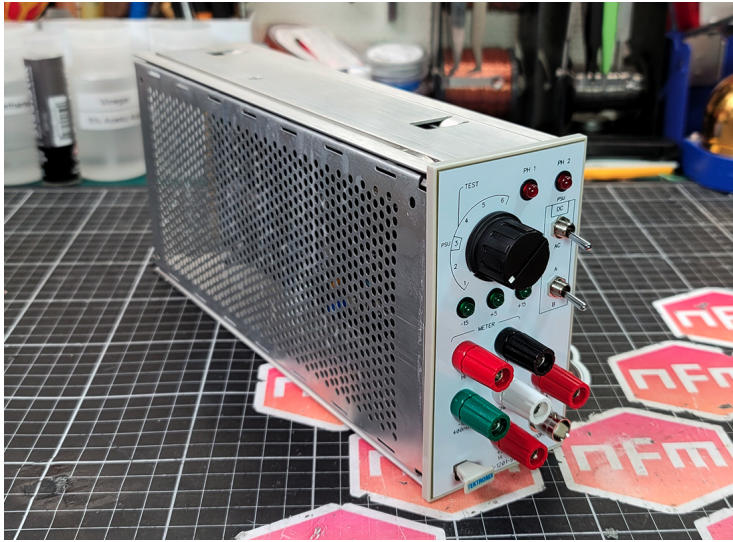




Share



Jared Cabot

Follow

Tektronix TM500 Mainframe Tes 1201-99

This is a modern take on the Tektronix TM Mainframe test module, part number 067-

520 2 0 ★ 10.00 (2)

Published: Jan 04,2021

Download

PCBWay Donate 10% cost To Author

Add to cart

*PCBWay community is a shared platform an responsible for any design issues.

Embed order link

Copy this HTML into your page to embed order this shared project

<https://www.pcbway.com/proj>



VOTE NOW!

Components

uA741CN	x 2
7805	x 1
2N2219A	x 1
2N2222A	x 1
2N2905A	x 1



PCB



Rigid-Flex



Assembly



CNC



Sheet metal



3D Printing



Digital Temperature Controller

BUY NOW

2N2907A	x 1
1N751A	x 2
1N4007	x 6
1N4152	x 4
LED Red 5mm	x 2
LED Green 5mm	x 3
Capacitor Electrolytic 1000uF/50V	x 2
Capacitor Electrolytic 82uF/63V	x 2
Capacitor Electrolytic 100uF/16V	x 1
Capacitor Electrolytic 22uF/35V	x 2
Capacitor Electrolytic 1uF/50V	x 1
Capacitor Ceramic 0.1uF/50v	x 1
Resistor 1 ohm 2W	x 4
Resistor 300 ohm 3W	x 2
Resistor 22 Kohm 1/2W	x 4
Resistor 1 Kohm 1/2W	x 2
Resistor 4.99 Kohm 1/2W	x 2
Resistor 7.5 Kohm 1/2W	x 2
Resistor 1.8 Kohm 1/2W	x 2
Resistor 5.1 Kohm 1/2W	x 6
Resistor 12 Kohm 1/2W	x 2
Resistor 1.5 Kohm 1/2W	x 6
Resistor 360 ohm 1/2W	x 1
5K trimpot 3296W	x 2
Switch DPDT 7101SYCQE or equivalent	x 1
Switch SPDT 7201SYCQE or equivalent	x 1

Switch 71BDF30-02-2-AJN	x 1
Fuse 5x20 0.8A Slow Blow	x 2
Fuse Holders FC-211-22	x 4
Binding Post 3760-2	x 3
Binding Post 3760-9	x 1
Binding Post 3760-0	x 1
Binding Post 3760-5	x 1
BNC 5227169-7	x 1
22-Way Male Header TSW-122-08-G-S-RA	x 1
22-Way Female Header SLW-122-01-G-S	x 1
10-Way Male Header TSW-110-07-G-S	x 1
10-Way Female Header SLW-110-01-G-S	x 1
6-Way Male Header TSW-106-07-G-S	x 1
6-Way Female Header SLW-106-01-G-S	x 1
Knob	x 1
LED Panel Clips C-174	x 5
Blank Mainframe 040-0652-02 or scrap TM500 Module	x 1
M3 Screw/nut/washer	x 1

Description

Tektronix TM500 Mainframe Tester 067-1201-99

This project is for the construction of a single-width TM 500 plug-in utilizing the blank plug-in kit.P/N 040-0652-02.

Link to construction video:
<https://youtu.be/Afwqtc6Fxd4>

The plug-in's primary purpose is to test TM 500 series power modules (mainframes) It is also useful as a limited performance power supply for breadboard or student use.

In its primary function as a test unit, it checks only the integrity of mainframe power supply components. It does not check "interface" connections; these checks (when applicable) may be made with a simple ohmmeter or continuity tester.

For full documentation, please see the google drive link for the instruction manual and all other files.

https://drive.google.com/drive/folders/1yj52Z_BtGZ7Q9BB2jS9Lf2Uz39turS4-?usp=sharing

Circuit diagrams and Schematics



https://drive.google.com/drive/folders/1yj52Z_BtGZ7Q9BB2jS9Lf2Uz39turS4-?usp=sharing



Download Gerbers

Posted in [DIY Electronics](#) , [Hardware](#) , [Power Supply](#),

- tektronix
- tm500
- tm 500
- mainframe
- module
- tester
- power supply
- psu

Jan 04,2021
520 views

[Report item](#)

More by Jared Cabot



Comments (0)

Likes (2)

Upload a photo: You can only upload 1 files in total. Each file cannot exceed 2MB. Supports JPG, JPEG, GIF, PNG, BMP

VOTING 2 votes

Shaun P Merrigan from **CANADA**



Engineer

10
design

10
usability

10
creativity

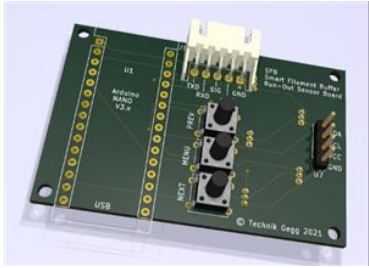
10
content

10
design

10
usability

10
creativity

10
content



Smart Filament Buffer

255 views 0 comments 0 likes

Technik.Gegg



RGB LED Brightness Controller with 555 Timer

965 views 0 comments 4 likes

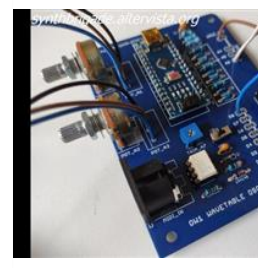
Emre KONCA



ESP32 USB-C Power Supply

853 views 0 comments 3 likes

Mike Rankin



Arduino Voltage Control Wavetable Oscillator

405 views 0 comments 0 likes

Marco Guidolin



Joker Remote Hazardous Gas Station and Monitor

272 views 0 comments 0 likes

Kutluhan Aktar



NovaSM3 v5.2 - UPDATED VERSION!

657 views 6 comments 4 likes

Christopher Locke



PCBWay 7th Anniversary Badge

272 views 0 comments 1 like

PCBWay Official



piCounter v1.0 for Indoor Social Distancing Control

900 views 4 comments 8 likes

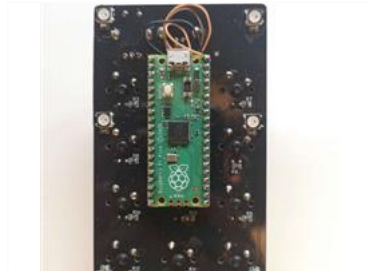
agoktugaydin



Spiderman Spidey Sense and Webslinger

716 views 0 comments 3 likes

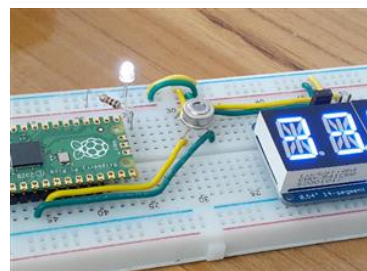
ConnorMiller



Raspberry Pi Pico RGB CherryMX-Macro-Keyboard

826 views 0 comments 1 like

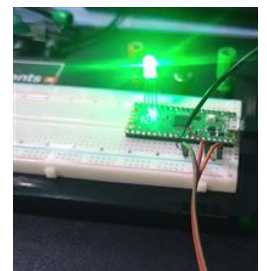
SolarPi Bastian



IR Temperature Sensing with Pico

687 views 0 comments 0 likes

Ashok R



Automatic Plant Water System using Raspberry Pi

1265 views 0 comments 1 like

rahulkhanna



THE PCBWAY THAT RECOGNIZE THE TALENT AND EFFORT OF THE BEST ELECTRONIC DESIGNERS IN THE WORLD.