LE STRUM

The information on this page is the <u>bare minimum</u> needed to build the project, however you will find expanded information for building LE STRUM at the following URL
https://github.com/hotchk155/Voici-Le-Strum/wiki

LE STRUM Component Designators

R1, R2 - 220 Ohm (red-red-brown code) resistor

R4, R8 - 1 kOhm (brown-black-red code) resistor

R3, R5, R6, R7 - 10 kOhm (brown-black-orange code) resistor

C1, C2, C3, C4, C7 - 100nF Ceramic Capacitor (104 code)

C5, C6 – 4u7 electrolytic capacitor

D1- 1N4001 Rectifier Diode

D2 – D17 - 1N4148 Small Signal Diode (x16)

REG1 - +5V 100mA Regulator TO92

MIDI, PWR - 3mm LED

Solder the IC sockets before fitting IC's. Check orientation of pin 1 notch/dimple with markings on PCB)

IC1 - PIC16F1825 Microcontroller with LE STRUM firmware, fitted into 14 pin DIP IC socket

IC2, IC3 - 74HC595 Shift Register, fitted into 16 pin DIP IC socket

S1-S37 - 6mm Momentary Tactile Switch (x37)

ONOFF - Miniature slide switch

MIDI_OUT - 5 PIN DIN socket PCB mount

ICSP - 6 way SIL right angle pin header (optional)

BAT1 - PP3 Battery Box

STYLUS - 4mm Banana Plug on wire

Switches, Battery holder + M2.5 nuts/bolts, Standoff Pillars + M3 bolts – it should be reasonably obvious where all those bits go but if in any doubt please refer to the detailed build instructions at the URL given above.

I hope you enjoy LE STRUM. If you have any problems please contact me at the following email sixtyfourpixels@gmail.com or via the site where you ordered LE STRUM

LE STRUM is an open source, open hardware project. All input is welcome, from wish-list ideas to actual code and hardware hacks and mods.

Cheers

Jason Hotchk155

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