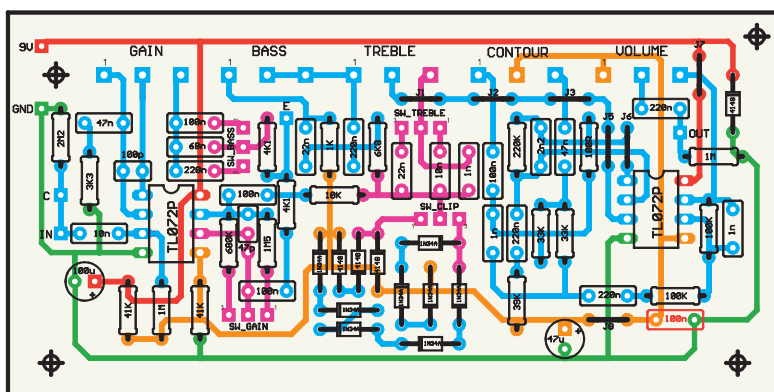
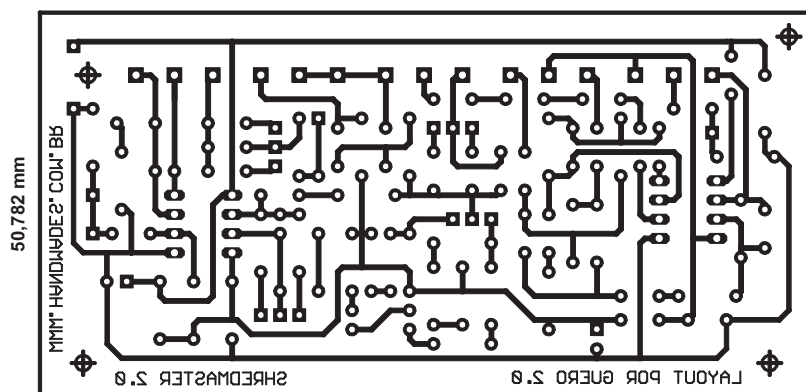


MARSHALL SHREDMASTER 2.0

Reference: Mods & Schematic by Kelson Bueno (www.handmades.com.br Member)
Original post and concept (in Portuguese - Brazil) at www.handmades.com.br Forum
Layout by Güero 2.0



DIODES

- D1 4001 (polarity protection)
- D2 1N4148 (Normal Clip)
- D3 1N4148 (Normal Clip)
- D12 1N4148 (Normal Clip)
- D4 1N34A/1N60 (Crunch Clip)
- D5 1N34A/1N60 (Crunch Clip)
- D6 1N34A/1N60 (Crunch Clip)
- D7 1N34A/1N60 (Crunch Clip)
- D8 1N34A/1N60 (Crunch Clip)
- D9 1N34A/1N60 (Crunch Clip)
- D10 1N34A/1N60 (Crunch Clip)
- D11 1N34A/1N60 (Crunch Clip)

POTS

- VOLUME 100K A
- BASS 100K A
- TREBLE 22K A
- CONTOUR 100K B
- GAIN 100K B

IC'S

- IC1 TL072
- IC2 TL072

RESISTORS

- R-LED 2K2/4K7
- R1 41K
- R2 41K
- R3 2M2
- R4 1M
- R6 3K3
- R7 4K1
- R8 4K1
- R9 680K (Normal Gain)
- R10 10K
- R11 6K8
- R14 1K
- R15 39K
- R16 220K
- R17 100R
- R18 33K
- R19 33K
- R20 100K
- R21 100K
- R24 1M
- R25 1M5 (Hi Gain)

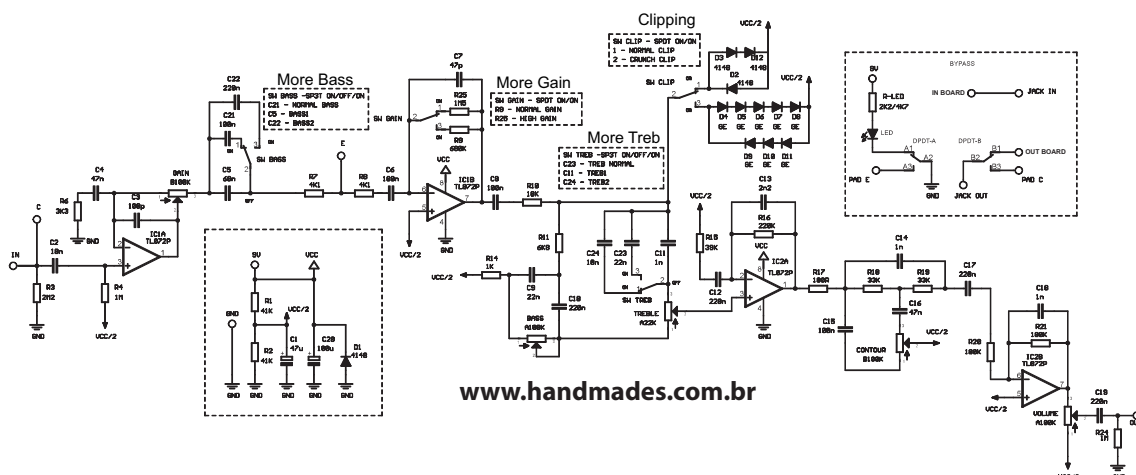
CAPACITORS

- C1 47uF (VCC/2 hum Filter)
- C2 10n
- C3 100p
- C4 47n
- C5 68n (Normal Bass)
- C6 100n
- C7 47p
- C8 100n
- C9 22n
- C10 220n
- C11 1n (Treble II)
- C12 220n
- C13 2n2
- C14 1n
- C15 100n
- C16 47n
- C17 220n
- C18 1n
- C19 220n
- C20 100uF (VCC hum Filter)
- C21 100n (Bass I)
- C22 220n (Bass II)
- C23 22n (Normal Treble)
- C24 10n (Treble I)
- C25 100n (Optional hum filter, RED part in layout)

SWITCH

- SW BASS SPDT - ON/OFF/ON
- SW TREB SPDT - ON/OFF/ON
- SW CLIP SPDT - ON/ON
- SW GAIN SPDT - ON/ON

Schematic w/ Mods



www.handmades.com.br

Shred Master

www.handmades.com.br - December, 2005
MODS by Kelson Bueno - Handmades.com.br Member

Basic settings

Trash Metal (Humbucker bridge pickup)

Gain Bass Contour Treble Volume



Metal Lead / Rhythm (Humbucker bridge pickup)

Gain Bass Contour Treble Volume



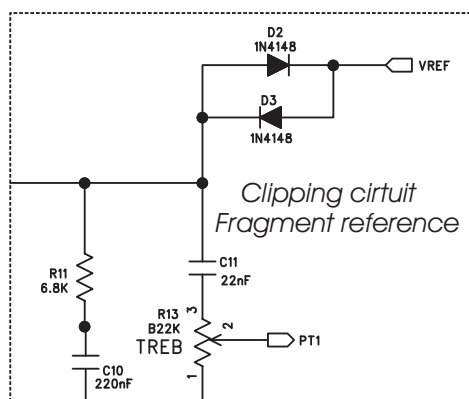
Hard Rock Rhythm (Single-coil neck pickup)

Gain Bass Contour Treble Volume



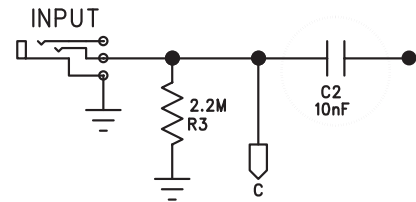
Overdrive (Single-coil Bridge pickup)

Gain Bass Contour Treble Volume

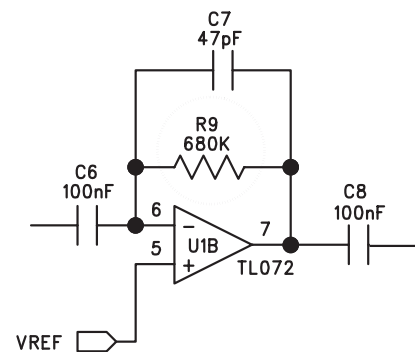


Modds

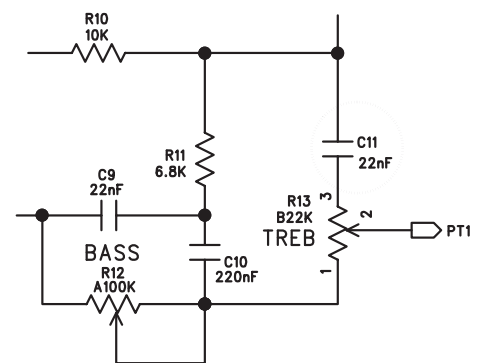
Add more BASS response: Increase C2
E.g. 220n



Add more gain to 2° stage:
Increase R9.



Add TREBLE to tonestack:
Decrease C11 value - 10n to 1n



Clipping stage:

