

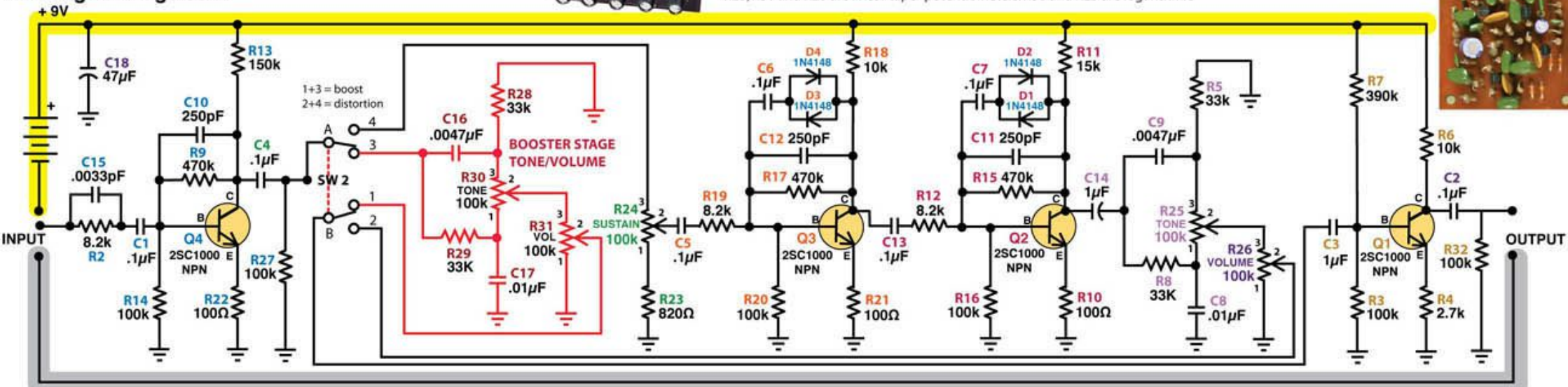
# Ace Tone Fuzz Master FM-3

## Modified Big Muff clone with Booster

www.BigMuffPage.com

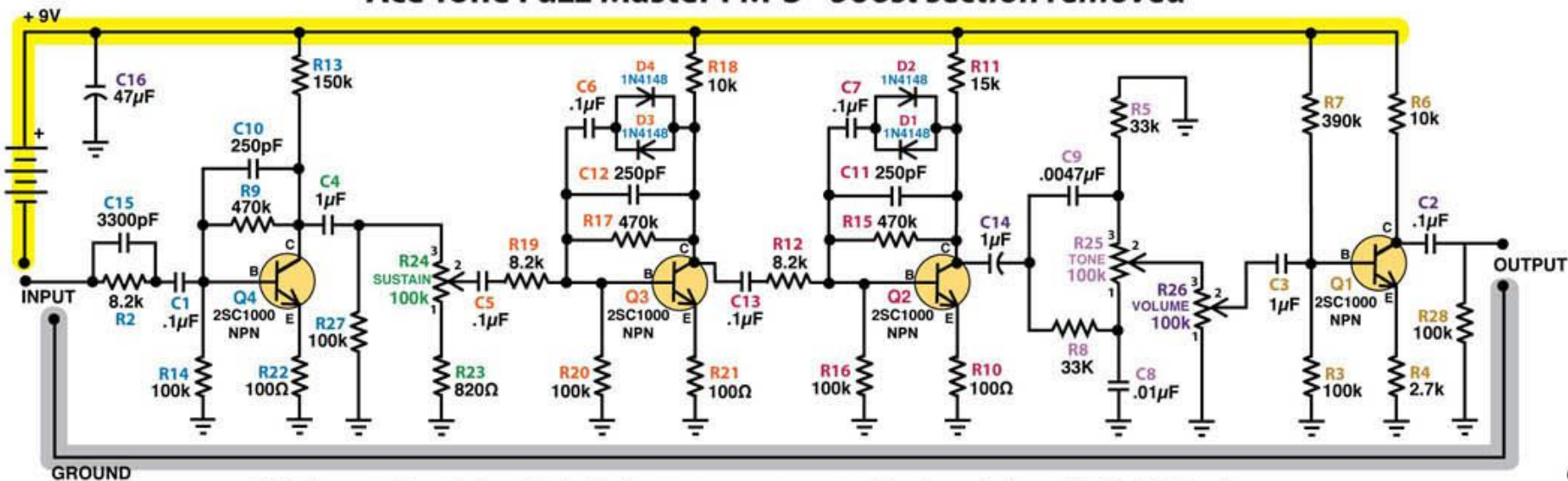


Silicon transistors  
Silicon diodes  
Carbon film resistors  
All caps are film except C15, C10, C11, C12 which are ceramic, and C14 and C18, which are polarized electrolytics.  
R25, R31 and R26 are linear taper potentiometers. R30 and R25 are logarithmic



Pedal made circa 1971 in Japan by Ace Electronic Industries. The switchable boost stage, which is simply a separate tone and volume circuit for the input stage, allows switching between distortion and overdrive, like having separate lead and rhythm channels. The Big Muff part of the circuit includes an extra filter cap parallel to the R2 input resistor and two extra resistors at R27 and R32. The volume pot, normally placed after the output stage, has been moved between the tone stage and output stage. The C10/11/12 feedback/filter caps are much smaller than the stock Big Muff caps, giving more crunch, but less low end than a typical Muff.

### Ace Tone Fuzz Master FM-3 - boost section removed



This is the same schematic, but with all of the booster components removed, showing only the modified Big Muff circuit.

Circuit traced by Kit Rae  
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