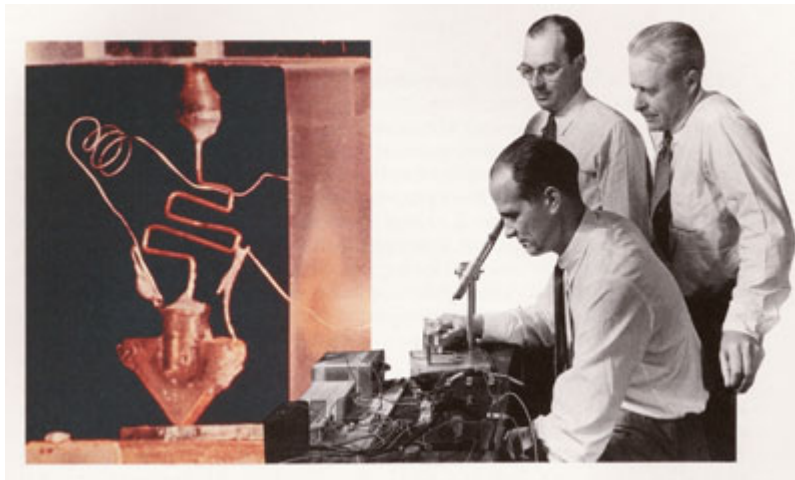




RetroTone[®]

Knowledge Skills Supplies Services

Transistors for Fuzz



A Bust Em' Out[™] Project



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This is a simple list I have been compiling over the years. I add a transistor when I buy, repair or read about it. I have not been keeping track of my sources so I should mention all the usual suspects. A big thanks to the following folks for contributing so much to the DIY pedal world.

- <http://fuzzcentral.ssguitar.com>
- Jack Orman
- RG Keen
- Aaron Nelson
- <http://DIYStompBoxes.org>
- <http://FreeStompBoxes.org>
- Analog Man
- Tim Escobedo
- <http://www.alltransistors.com/>

Perhaps the list will grow and get more detailed. Send an email to info@retrotone.com with questions, comments and concerns.

There is a discussion about transistor substitution from a forgotten source at the end.



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Maestro FZ-1

2N270

Maestro FZ-1A

2N2613

2N2614

Fuzz Face Germanium

NKT388

AC128

SFT363E

Fuzz Face Silicon

BC108C

BC183L

BC109

BC109C HFE=90

BC209C

LRE Fuzz

2SB175

LRE Experimentor's Build

2SA221

2SB165

2SB376

Marshall Supa Fuzz

OC75

Tone Bender MKII

OC81D



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Vox Tone Bender

SFT337

SFT363E

OC76

Range Master

OC44

Devi Ever

MPSA18 HFE=800

2N2222

2N907A

PN2907A

Shin-Ei Univox (Unicord) Superfuzz

2SC539 (Sub 2SC536)

2sc828

Axis Face (fuzz Central)

PN2369A

BD139

Tim Escobedo

MPS18A HFE=800

MPS13A

J201

2N3904 HFE=227

2N3906

2N5089

2N5088 HFE=450

2N7000 - Duende

1N4739

2N2222 HFE=203

J176

1N34a



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Harmonic Percolator

2N404A

2n3565

Big Muff 2nD Violet Rams Head Version

2n5133

fs36999

Electro Harmonix LPB-1

BC550 HFE=600

BC239 HFE=280

Notes on Transistor Substitution

This list of "candidates" may help. It is a compilation of things I have seen on other bulletin boards (Aron Nelson/Jack Orman/R. G. Keen), and my own experience with Japanese and American parts.

American JEDEC numbers

PNP: 2N404, 2N404A, 2N508, 2N527, 2N1305, 2N1307

NPN: 2N388, 2N1306, 2N1308, 2N1309, 2N1373

American "Replacement" Types

NTE (or ECG) 101, 102, 158

Japanese

PNP: 2SA or 2SB 22, 54, 75, 77, 172, 175, 178, 187, 201, 303, 324, 370, 405, 439, 516

Of these, the types that have given me the highest yield of "good" devices are the 2SB175 and 178.

European

PNP: OC44, OC71, OC75, OC77, OC81, AC122, AC128, AC151, NKT275

NPN: AC127