

My Experiments in Building Bitx

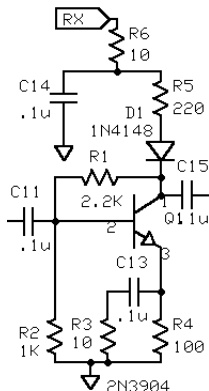
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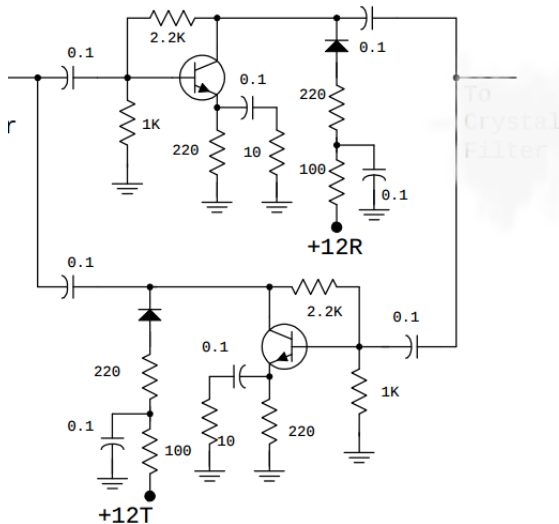
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Basic building block: A broad band amplifier



Bidirectional Amplifier



Bitx Block Diagram

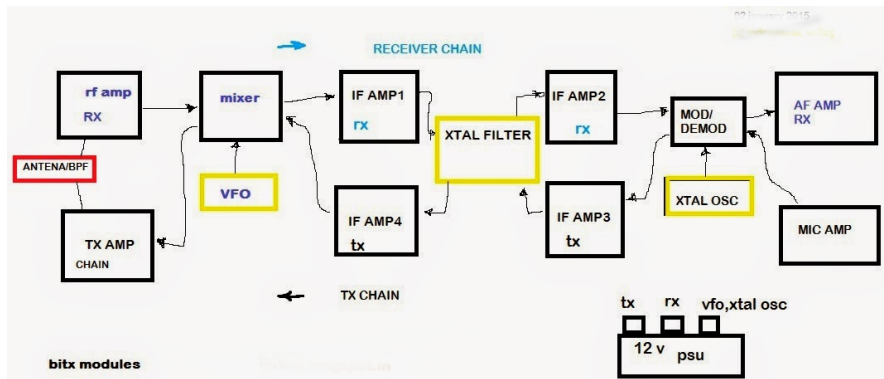
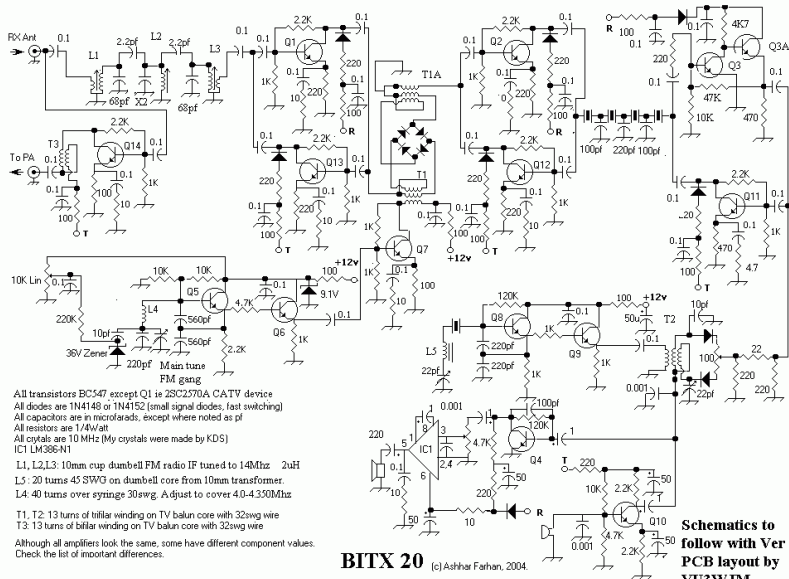


Diagram stolen from vu3inj's blog

Schematic Diagram



BITX 20

(c) Ashraf Farhan, 2004.

Schematics to follow with Ver 3 PCB layout by VTR3W.TM

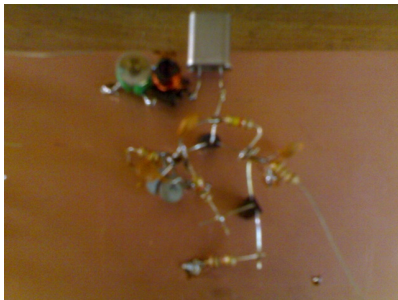
Where to innovate and improve

- Bi-directional amplifiers
- Crystal Filter
- Mixer
- Band pass filter
- VFO - Band conversion

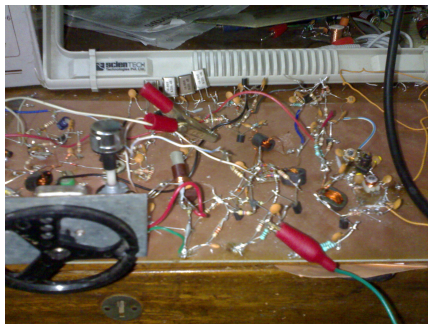
How to build

- Buy a populated board from the designer
- Buy a PCB from ebay and build
- Build it in ugly style

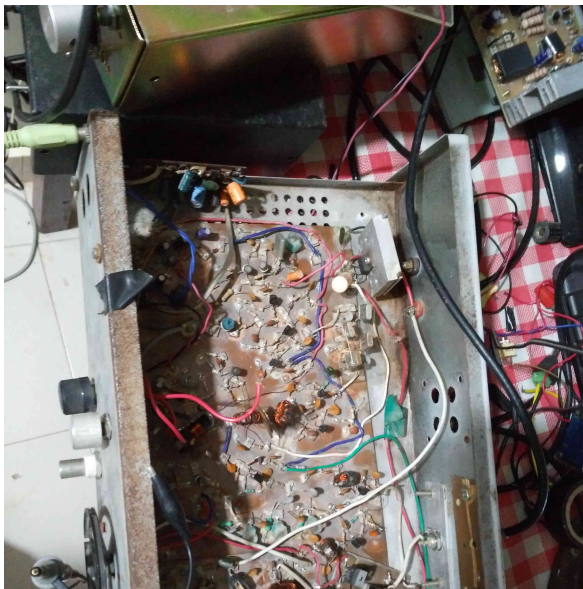
Some of my builds Ugly style 40m



Some of my builds Ugly style 40m



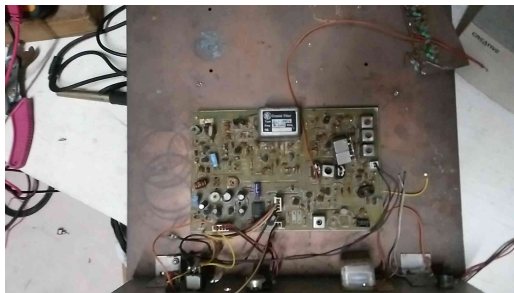
Some of my builds Manhattan style 40m.



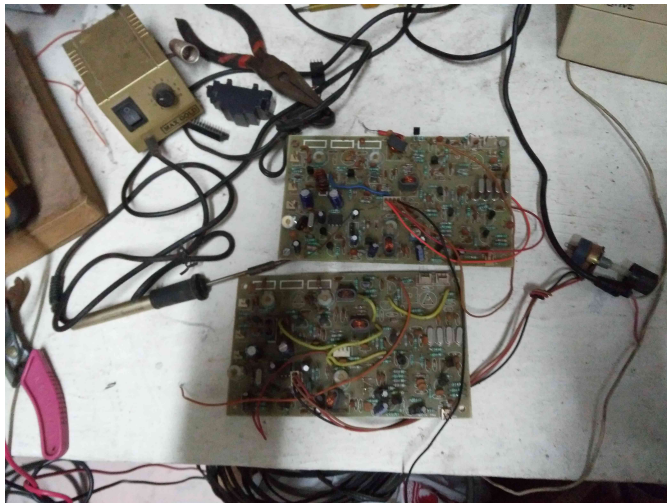
Some of my builds: ON PCB 20m



Some of my builds On PCB with BEL Filter



Some of my builds HFI 14 PCB 40m



Some of my builds : Manhattan style 80m



My current shack



Contact me

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Thanks to Lord Dinkan

