

# My Experiments in Building Bitx

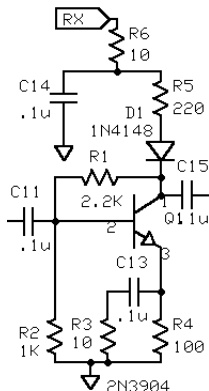
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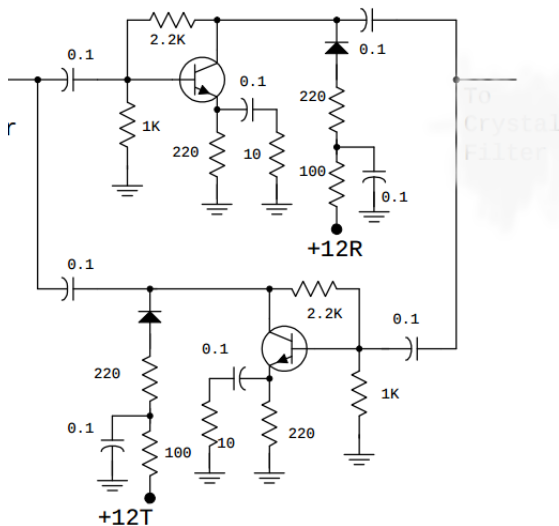
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December 18, 2016

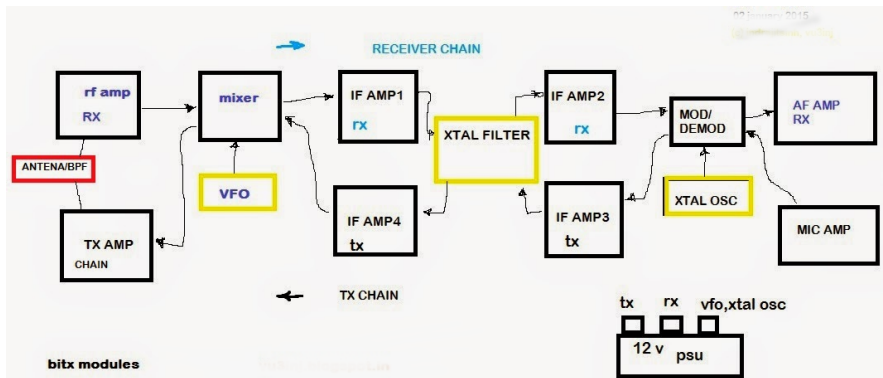
# Basic building block: A broad band amplifier



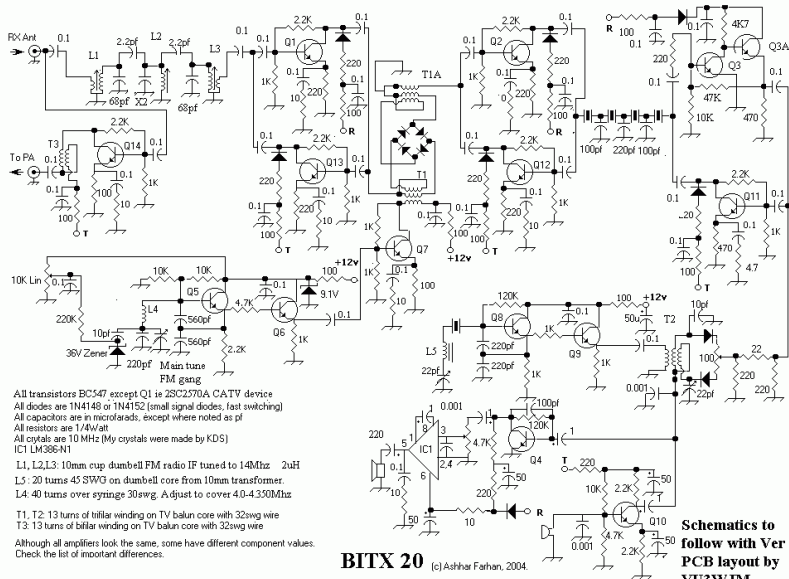
# Bidirectional Amplifier



# Bitx Block Diagram



# Schematic Diagram



**BITX 20** (c) Ashraf Farhan, 2004.

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

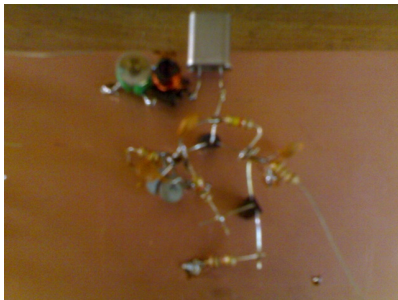
# Where to innovate and improve

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

# How to build

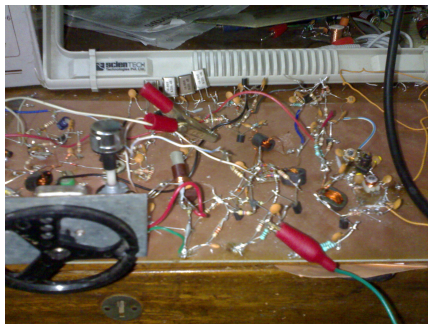
- Buy a populated board from the designer
- Buy a PCB from ebay and build
- Build it in ugly style

# Some of my builds Ugly style 40m

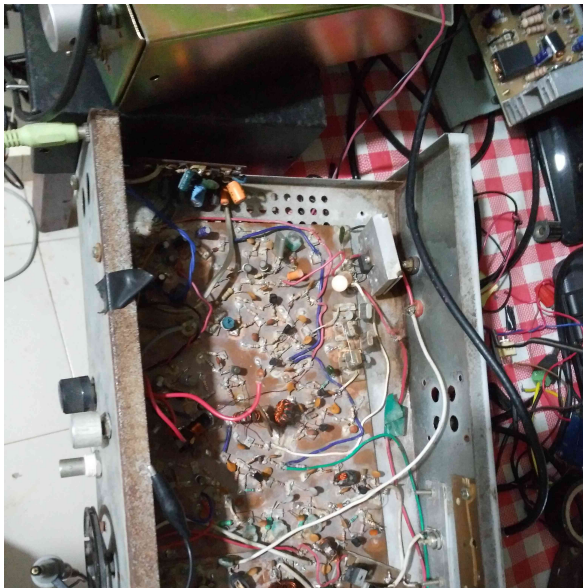




# Some of my builds Ugly style 40m



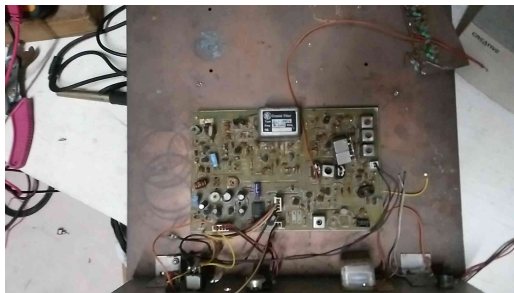
# Some of my builds Manhattan style 40m.



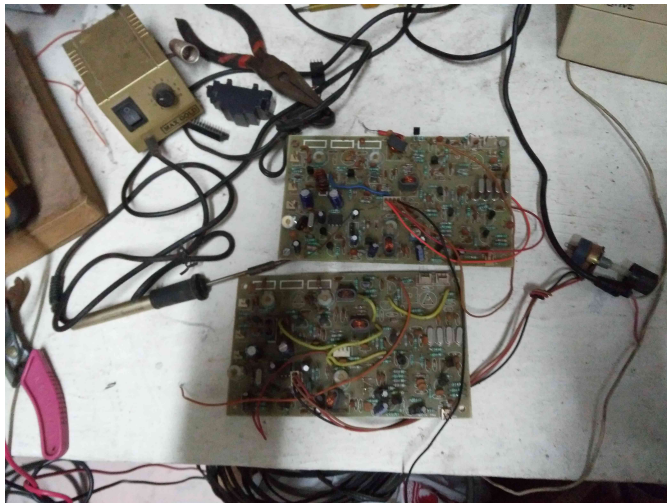
# Some of my builds: ON PCB 20m



# 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

