

Links

Links to interesting stuff, in no particular order

Arduino and Stuff

Reference: <https://www.arduino.cc/reference/en/>

Morse

Code:

<https://www.element14.com/community/community/arduino/blog/2014/04/01/arduino-morse-code-beginner-box-part-1>

Simulator: <http://www.virtronics.com.au/Simulator-for-Arduino.html>

Parts and Software: <http://fritzing.org/home/>

Debugging: <https://www.drduino.com/>

Projects: <http://www.bristolwatch.com/index.htm>

Kits

<https://hobbypcb.com/>

<http://www.hamgadgets.com/>

<http://kitsandparts.com/index.php>

<http://klel.tripod.com/>

<http://www.qrpkits.com/index.html>

<http://www.communication-concepts.com/>

Kits for Kids (and big kids): <https://www.elenco.com/>

<http://www.glolab.com/index.html>

Who Knew?

Rent a fire tower lookout from the USFS Forest Service:

https://www.fs.usda.gov/detail/r1/recreation/?cid=fsp5_030855

Fun Sites – interesting to browse

Tubetime: <http://tubetime.us>

6 Meter stuff (mostly): <http://www.bigskyspaces.com/w7gj/>

Amplifiers

Solid state high power info and kits: <http://www.w6pql.com>

Preamps: <http://www.downeastmicrowave.com/default.asp>

Amplifiers, accessories,
etc: https://www.helitron.de/dj0abr/index_english.html

Good solid state

Amps: <http://www.ab4oj.com/quadra/sshfamp.html>

Antennas

6, 2, and 0.07 meter antenna comparison:
<http://www.bigskyspaces.com/w7gj/6mTable.htm>

Tools

RF

Calculators: <https://www.pasternack.com/t-rf-microwave-calculators-and-conversions.aspx>

Smith Chart: <http://www.sss-mag.com/smith.html>

Schematic Capture
(free): <https://www.digikey.com/schemeit/project/>

Test and Simulate Serial Circuits: <https://docklight.de/>

Surface Mount

Capacitor

Codes: <http://www.radio-electronics.com/info/data/capacitor/capacitor-markings.php>

Resistor

codes: http://www.radio-electronics.com/info/data/resistor/smd_resistor/smt-resistor-markings-systems.php

Transistor and Diode Marking Codes: <http://matthieu.benoit.free.fr/cross/competitive/philips/SMD-PHILIPS.pdf>
Resistors: <http://www.resistorguide.com/resistor-smd-code/>

Suppliers

Digikey: (Fast, in MN): <https://www.digikey.com>
Mouser: Good for RF parts plus everything else: <https://www.mouser.com>
Element14: Raspberry Pi HQ: <https://www.element14.com/community/welcome>
<http://www.goldmine-elec-products.com>
Test equipment, component analyzers: <https://www.peakelec.co.uk> Distributor: <http://www.amascott.com/index.html>
<https://www.vellemanstore.com/en/>
<https://abra-electronics.com>
Feed line and connectors: <https://rfconnection.com>
Control head/mic cables: <https://www.n2rga.com>
Hotspots: https://www.ebay.com/usr/2012moon816?_trksid=p2047675.l2559
Heatsinks: Heatsinkusa.com
Metals: Onlinemetals.com
Coax, connectors, etc.: <https://rfconnection.com>
Antenna and outdoor mounting/enclosures: <https://www.linktechs.net/productcart/pc/viewCategories.asp?id=314>

WSPR, FT8, WSJT-X, etc.

Wikipedia: [https://en.wikipedia.org/wiki/WSJT_\(amateur_radio_software\)](https://en.wikipedia.org/wiki/WSJT_(amateur_radio_software))
WSPR Map: <http://wsprnet.org/drupal/>
WSJT-X: <http://physics.princeton.edu/pulsar/K1JT/wshtx.html>
WSPR kits and <http://www.qrp-labs.com/>
http://physics.princeton.edu/pulsar/K1JT/Moonbounce_at_Arecibo.pdf
Joe Taylor: https://en.wikipedia.org/wiki/Joseph_Hooton_Taylor_Jr.

Article: <http://www.g4ilo.com/wspr.html>

Source code: <https://sourceforge.net/projects/wsjt/>

Radio Propagation

Great site to run V/UHF coverage plots for repeaters:

<https://www.ve2dbe.com/english1.html>

Time (Useful stuff for WSJT too)

Verify computer time: <https://time.is> (you need it to be right!)

Time setting tool: <http://www.thinkman.com/dimension4/>

Calculate UTC/Time Zones: <http://www.timebie.com/std/utc.php>

Computers

Benchmarks: <http://browser.geekbench.com>

Build your own PDP-11:
<https://obsolescence.wixsite.com/obsolescence>

Raspberry Pi Universal GPIO: <http://wiringpi.com/>
Simulator for PDP-11 and others:
<https://skn.noip.me/pdp11/pdp11.html>

Electronic Design

Schematics: <https://www.digchip.com>

All about resistors: <http://www.resistorguide.com>

Electronic

circuits: <http://www.electroniccircuits.com/category/electronic-circuits>

Designs (pdf): <http://www.n5dux.com/ham/files/pdf/index.php>

Radio History

American Radio History: <http://www.americanradiohistory.com/index.htm>

Collins: <http://www.collinsradio.org/>

Historic radios: <http://www.radioblvd.com>

Radio Museum: <https://www.radiomuseum.org/zz/>
WEAU tower collapse: https://youtu.be/9f08f_0u3ls

Publication Archive

73 Magazine <https://archive.org/details/73-magazine>
Free Ham Publications <http://www.n5dux.com/ham/pubs/>

Audio Processing / Analysis

<http://www.stereotool.com/>
Audio schematics, projects, and information:
<https://sound-au.com>

FCC

Equipment Authorization
Search: <https://apps.fcc.gov/oetcf/eas/reports/GenericSearch.cfm>

Enter "Yaesu" for Applicant Name, select an appropriate date range, then select "Start Search". Note that the "upper frequency" column represents the highest frequency the device can RECEIVE.

Looking for a new call sign?: <http://radioqth.net/>
Renew or modify your Amateur Radio license (for free):
<https://www.fcc.gov/wireless/bureau-divisions/mobility-division/amateur-radio-service>

Networking (all types)

AREDN: <https://www.aredn.org>
Hub Network: <http://allmon.hubnetwork.uk/>

Services

Duplexer Tuning: <http://www.kk4ice.com/>

Broadcasting

<https://radio-locator.com/>

<http://j-hawkins.com/radio.html>

<http://www.pavekmuseum.org/>

<https://www.fybush.com/>

<https://www.shortwaveradio.be/>

<http://www.engineeringradio.us/blog/>

Part 15: <https://www.hobbybroadcaster.net>

WLW Tubes: <http://www.ominous-valve.com/wlw.html>