

Electronics Workshop - February 23, 2017

Time & Location:

7:00 PM

Fire District 6 Training Room, 2123 Jackson Highway, Chehalis, WA

Topics:

1. Storing Wire Antennas
2. Charging Batteries
3. Using PC Power Supplies

Notes:

Reference:

1. Inverted V Antenna:.....<http://www.creative-science.org.uk/invertedv.html>
2. SOTA Antenna Winder:.....<http://www.sotabeams.co.uk/antenna-wire-winders/>
3. 18650 Lithium Battery Charger
(uses B3603 power supply; ACS712 Hall effect current sensor or INA219 current and voltage sensor):
.....<http://henrysbench.capnfatz.com/henrys-bench/arduino-projects-tips-and-more/>
4. NiMH Battery Charger:
.....<https://www.allaboutcircuits.com/projects/create-an-arduino-controlled-battery-charger/>
5. Solar Powered Charger:http://www.bristolwatch.com/solar_charger.htm
6. ATX Power Supply Connectors:.....<https://www.lifewire.com/atx-power-supply-pinout-tables-2624590>
7. ATX Voltage Tolerances:http://www.formfactors.org/developer/specs/atx2_2.pdf
8. LM317 Adjustable Regulator:<http://www.ti.com/lit/ds/symlink/lm117.pdf>

Used PC Power Supplies:

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| 1. RePC; 510 Andover Park W; Tukwila | Mon-Sat 10-7 |
| 2. Green PC; 3627 S 54 th St; Tacoma | Mon-Fri 9-7; Sat 11-6 |
| 3. Oly Geek; 115 NE Olympia Ave; Olympia | Tue. Thu, Sat 1-7; Sun 1-4; Mon, Wed, Fri 1-7 Call |