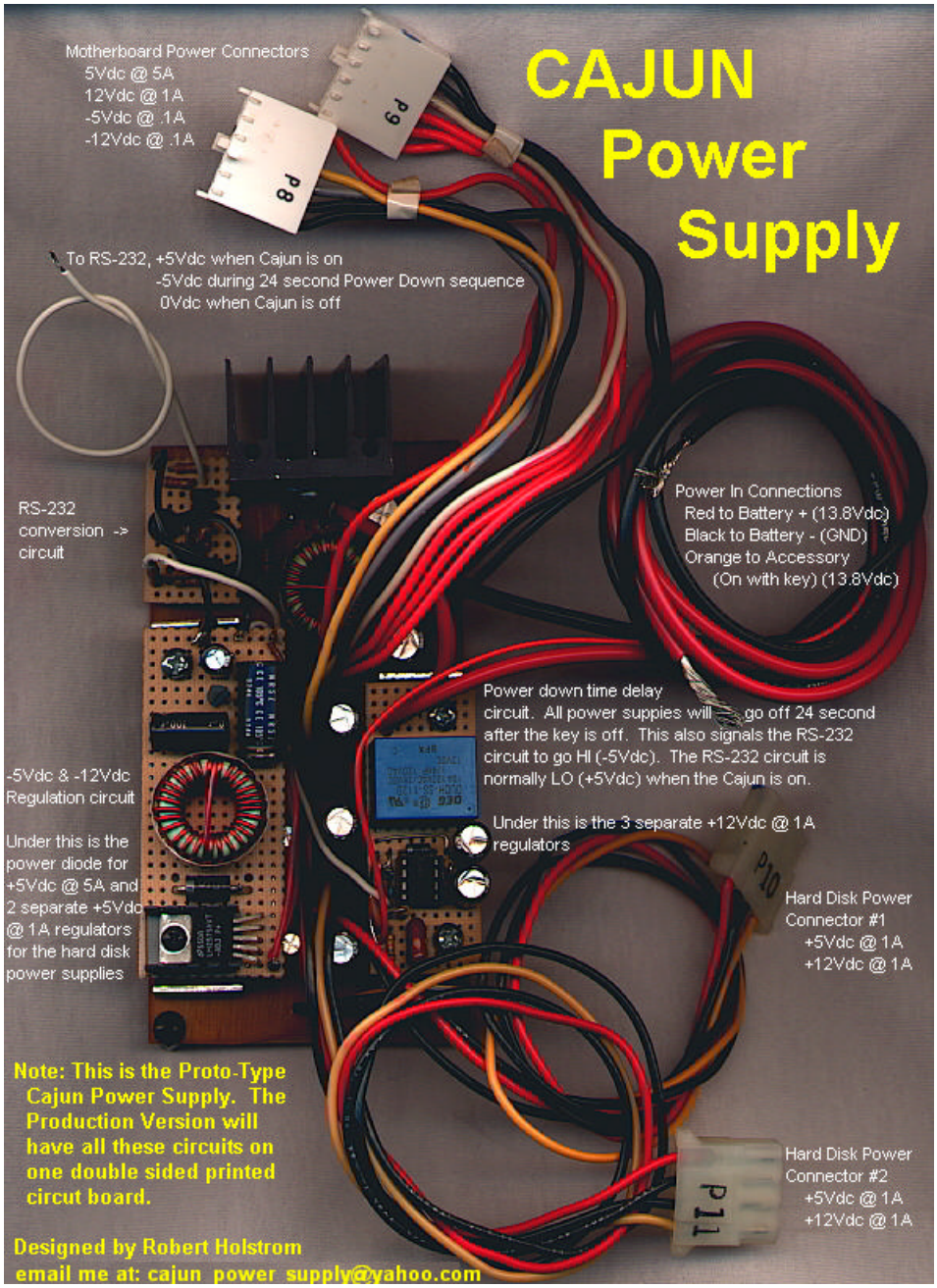
CAJUN
Power
Supply
Motherboard Power Connectors
5Vdc @ 5A
12Vdc @ 1A
-5Vdc @ .1A
-12Vdc @ .1A
P9
P8
To RS-232, +5Vdc when Cajun is on
-5Vdc during 24 second Power Down sequence
0Vdc when Cajun is off
RS-232
conversion ->
circuit
Power In Connections
Red to Battery + (13.8Vdc)
Black to Battery - (GND)
Orange to Accessory
(On with key) (13.8Vdc)
Power down time delay
circuit. All power suppies will go off 24 second
after the key is off. This also signals the RS-232
circuit to go HI (-5Vdc). The RS-232 circuit is
normally LO (+5Vdc) when the Cajun is on.
-5Vdc & -12Vdc
Regulation circuit
Under this is the 3 separate +12Vdc @ 1A
regulators
Under this is the
power diode for
+5Vdc @ 5A and
2 separate +5Vdc
@ 1A regulators
for the hard disk
power supplies
P10
Hard Disk Power
Connector #1
+5Vdc @ 1A
+12Vdc @ 1A
Note: This is the Proto-Type
Cajun Power Supply. The
Production Version will
have all these circuits on
one double sided printed
circut board.
P11
Hard Disk Power
Connector #2
+5Vdc @ 1A
+12Vdc @ 1A
Designed by Robert Holstrom
email me at: cajun_power_supply@yahoo.com