Power supply notes:

5V regulator current: 200mA; 1.4 W Adjustable regulator: Imax = 50mA

PNP base current: Ib = 30mA

_m 100 ut (LZO) 40 and @~ ZDV 94msz, SRF: 1. IMHZ, 0. 76A Mabout 1MHz seems good We ferrite EP or iron toroid core

-144 MF, low ESR - ESR & looms - V 7/20v -IriPALE 71 400 mA

- Schoteky MBR 150 ? - Vrewse 7/500 Iany 7/500 mA

- ESR & 300 ms. - RMS Ripple current 7/ 250nA VHF Vollage 7,500 100 nF - ESR & GOMA - Voltage 7/50 v

11- 0.0 luF, 50r

5 v regulator Heat Sink; 250nA Q 7v = 1.75w

https://www.ebay.com/itm/Radiator-Aluminum-Heatsink-Extruded-Profile-Heat-Sink-for-Electronic-Chipset-1PC/263706805477? epid=17004283299&hash=item3d662684e5:g:5BgAAOSwc~5bBUOk P 6 ives 0.66 c/w @ 600 LFM when cut to looms 6ives 0.5 c/w@ 300 LFM when Full 150 mm

Sense Resistor:

34
5 = 0.6v Fall Scale

R= 3A = 0.2 s gives I A/V & dissipates 1.8 w

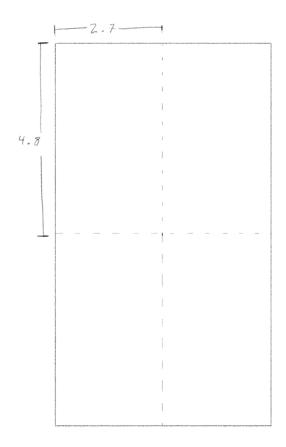
Check:

100m4 . 0.2s=0.02V

0.02V.5 = 100mV

Molex connector Package:

mm



For outline:

$$(-3.2, -5.3)$$
 $(-3.2, 5.3)$ $(3.2, -5.3)$ $(-3.2, -5.3)$

mm

