



Output +/- is connected to two transducers in parallel.
Total of 100 Watts @ 40KHz

* ALL RESISTORS ARE 1% UNLESS NOTED
* WATTAGES ARE MINIMUM VALUES

L1: 2-3A rated // high current suspected
Pins : 1,11 = Measured 1.1R @ 3569uH
all other pins = NC

T1
Pins : 6,9 = Measured = 0.79R @ 1427uH
Pins : 7,11 = Measured = 0.6R @ 464uH
all other pins = NC

Q3,Q4
MUST have heatsink

L2: 2-3A rated // high current suspected
Recommend 43uH each

Measured:
Pins : 1,2=43.91uH @ 1.3R
Pins : 3,4=43.56uH @ 1.3R

T2=Measured
Pins : 1,2=1049uH @ 1.8R // Recommend 1000uH
Pins : 3,4=1043uH @ 1.7R // Recommend 1000uH
Pins : 5,6=85uH @ 1.68R // Recommend 82uH

Sheet: /Sheet5E0CB0E2/
File: UltraSonic-Side.sch

Title:

Size: A4

Date:

KiCad E.D.A. kicad 5.99.0-unknown-00e58cd100ubuntu18.04.1

Rev:

Id: 2/2