Sonic Range Finder
SRF04

Schematic diagram labels:

- VCC
- R3 1k2
- TR1 BC807
- R2 10k
- R4 10k
- PL1
- Echo / Trig / Do Not Connect
- IC2 PIC12C508 (GP1 6, GP0 7, GP3 4, GP2 5, GP5 2, GP4 3, pin 1, pin 8)
- ST232CD — IC1 (Gnd 15, Vcc 16, TX1 11→14, Tx2 10→7, C2- 5, C1+ 1, C2+ 4, C1- 3, V- 6, V+ 2)
- N1076 (1, 2)
- C5 100n
- C4 100n
- R5 1k2
- D2 BAS16
- C8 22uF
- C1 1uF
- C3 100n
- C2 100n
- C7 100n
- R6 62k
- D1 BAS16
- R1 47R
- IC4 LP311 (7, 1, 3, 2, 5, 6, 4 -10V, 8)
- VCC
- C6 10n
- R7 120k
- R8 1k2
- R9 36k
- R10 2k2
- R11 36k
- R12 2k2
- C9 100n
- N1081 (1, 2)
- LMC6032 IC3 (7, 6, 5)
- LMC6032 IC3 (1, 2, 3)

LMC6032 Pin 4 Connected to -10v
Pin 8 Connected to Vcc