Part Pin-outs

Lab 7: Project Integration

ECE 327: Electronic Devices and Circuits Laboratory I

LM317 3-terminal adjustable regulator

The CA3130 can be used as a replacement for the CA3160. However, capacitance between 45 pF and 100 pF must be added from pin 1 to pin 8 (for feedback stability compensation).

LM741/LF351/CA3130/CA3160 op. amp.

2N3904 NPN/2N3906 PNP Bipolar Junction Transistor (BJT)

Electrolytic capacitor

“ACE” — “Anode Current Enters”

“CCD” — “Cathode Current Departs”

(Anode) + — (Cathode)