

## ***B.O.M.***

### ***T-Maida Regulator***

R1 = 100R/1W (max 50mA) or 47R/1W (..100mA) or 18R/2W (..250mA)

R2 = Trimmer 1K-2K/0.5W

R4 = From 8.2K/2W to 75K/5W → Range about 50V--.350V

R5 = 220R/0.5W

R6 = 47R/1W (optional)

R7 = 22K/2W (max 100mA) or 8.2K/3W (..250mA)

R9 = 100R/0.5W

R10 = 2.7R/0.25W

R11 = 100K/2W

C1 = 10nF/630V (Myl. or Poly)

C2 = 2.2uF to 6.8uF/400v (El.)

C3 = 1uF/400V (MKP)

C5 = 47uF-100uF/400V (El.) → better with low ESR

D1-D3 = 1N4007

D2 = Zener Diode 12V/1-2W

D4-D5-D7-D8 = UF4007

T1 = TIP50 or MJE13007 (+ Heatsink)

IC1 = LM317 (+ Heatsink)

X1 = AC IN

X2 = DC OUT (1=Vcc , 2=GND)