# VC9805A

V+ VBB V- VSS

PTC 1.5K RE1 10K

V/OHM

COM

mA

FUSE 250V/0.2A

10A

D1 D2 1N4007

X1 X2 A B C D E F G

R38 100k R39 10k R40 1k R41 100 R42 100 R43 1k R44 10k

CD IN1 R13 100

CD IN1 CD IN2

C10 104 T1 9014

CD IN1 900k R22 R23 100k CD IN2

V+ R27 6.8k D3 IN4148

R14 2k R15 20k R16 39k R99 VR3 2k VR4 100k VR5 100k VR6 300

R28 270k R29 270k R30 10

Fin Fout

R63 100k VR7 10k R64 1.3k R65 100k VR8 10k R66 1.3k

R56 33k D4 1N4148 R58 100k R57 380

AC -IP

R31 1M R32 1M IC2 TL062 A

R25 10k R24 10k IC4 LM358 A VSS1

20nF 200nF 2uF 20uF 200uF 2mH 20mH 200mH 2H 20H DIODE BEEP 200 2k 20k 200k 2M 20M hFE 200mV 2V 20V 200V 1000V 700VAC 200kHz 2mA 20mA 200mA 10A °C °F

nF R71 470k uF R72 470k mH R73 470k H R74 470k kH R75 470k Ω R76 470k kΩ R77 470k MΩ R78 470k hFE R79 470k nV R80 470k V R81 470k kHz R82 470k mA R83 470k A R84 470k °C R85 470k °F R86 470k

R87 470k R88 470k

R3 11.5k R5 10k R4 380 VR1 200 C3 0.22uF

R6 220k R7 1M

C7 0.22uF R2 47k C8 0.22uF C5 0.1uF C4 0.1uF C2 0.22uF

IC1 AME7106

BATTERY 9V C8 47uF POWER SWITCH R26 10M

D6 1N4148 R33 1M IC2 TL062 B R34 200k R35 20k T3 9015 C9 47uF D5 1N4148 T2 9014 R36 100k

TEST HOLD SWITCH

IC6 1/2TL062 R51 300k R52 39.2k C14 103 R53 100k R54 33k R55 100k IC5 1/2TL072

IC8 4093 VDD VSS1

IC7 4066 R48 90k R49 220k

R50 1M C16 390 IC4 LM358 B VSS

IC6 1/2TL062 R47 300k R46 100k R45 1k IC5 1/2TL072 D7-D10 IN4007 X1 X2

R60 390 R62 140 VR9 200 VR10 200 R59 33k R61 33k

R8A 4.5M R8B 4.5M R9 900k R10 90k R11 9k R12 1k R17 90 R18 9 R19 0.99 R20 0.01

R67 220k C11 100p D11 1N4148 D12 1N4148 IC9 145289 C12 100p D13 1N4148 R69 10K WR11 3k R70 4.5k Fout

RAC1 100k 33uF 33uF IC1 1/2TL062 CAC2 1uF/35V RAC2 22M CAC1 0.1uF IN1 1N4148 RAC5 10kJ IN2 1N4148 RAC6 10kJ RAC7 220k RAC8 4.58kJ VR2 200 CAC3 1uF/35V

RCD1 2M RCD2 47k RCD3 100k RCD4 10M IC3B 1/2TL062 DCD1 1N4007 DCD2 1N4007 DCD3 1N4148 BCD4 56 TC 9014C BEEP