



Input 12-14Vdc 1-3A

Presna DC

330uH funghetto

F3,15A

Verifiatore 14V 5A

CP1

Voltage transient protection

Low voltage detector

LM358\_DIP8

LM358\_DIP8

5V

78L05

Microcontroller unit

HT48E06 DIP18

WatchDog

output frequencies 500Hz

Reset interval 1,2,4,8,12,24,48,168 hours

PowerUp delay 1,2,4,8,15,30,60,120 seconds

DL1 Led Red

SW1

SW2

DIPSW3

DIPSW3

PA0 PA1 PA2 PA3 PA4 PA5 PA6 PA7

PB0/PBZ

PC0/KIT

PC1/TMR

Fast Discharge Circuit

BC548

BC548

R1

R2

R3

R4

R5

R6

R7

R8

R9

R10

R11

R12

R13

R14

C1

C2

C3

C4

Output: 12-14V 3Amax

Presna DC

BD244

R1

R2

Company	Creative Solutions Engineering
Title	Watchdog e low voltage reset per dispositivi WiFi
Drawn by	Paolo Subiaco <a href="http://www.creosol.it">http://www.creosol.it</a>
Filename	watchdog.SCH
Date	Fri Jul 21, 2006
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