



R1-2: 4K7 1/4W 5% (DEPENDS ON LED INTENSITY)  
 R3: 10K 1/4W 5%  
 R4: 10 1/4W 5%  
 R5: 1K 1/4W 5%  
 R6: 100 1/4W 5%  
 R7-8: 1K5 1/4W 5%  
 R9: 750 1/4W 5%  
 R10: 1K 1/4W 5%  
 D1-3: 1N4148  
 C1-2: 22pF CERAMIC  
 C3-4: 10uF/16V TANTALUM  
 C5: 1uF/16V TANTALUM  
 IC1: 16F628(A) DIP 18 MPU  
 XTAL1: XTAL 20MHz  
 REG1: LM29362-5 (TO-92) OR 78L05  
 OC1: MCT6 DUAL OPTOCOUPLER (DIP8)

X1: FEMALE DB9 CONNECTOR  
 J1-2-3: 2 PIN JUMPER PIN HEADER  
 1X 9-VOLT BATTERY HOLDER (DIGIKEY 1294K-ND)  
 T1: PCB N.O PUSH BUTTON (DIGIKEY EG4369-ND)  
 LB1: COMMON CATHODE GREEN/RED BICOLOR LED OR 2 SINGLE LEDS

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INGENIERO:  
 ATANASIOS MELIMPOULOS

PROYECTO: PIC-INSIDER

ARCHIVO: INSIDER

FECHA:	REV:	PAG:
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