



- NOTES:**
1. EACH IC SHOULD HAVE A CORRESPONDING DIP SOCKET
 2. THE SOCKETS FOR IC3 AND IC4 MAY BE COMBINED INTO ONE
 3. ONLY ONE OPTION IS SHOWN, IT CAN BE MOUNTED IN ONE OF TWO DIFFERENT LOCATIONS ON THE BOARD
 4. ENSURE THE DIP SWITCH IS ORIENTED CORRECTLY. SW1 SHOULD BE CLOSEST TO R22 AND SW2 CLOSEST TO THE 9-PIN CONNECTOR.

RESISTORS

- R1=10K (Brown, Black, Orange)
- R2=100K (Brown, Black, Yellow)
- R3=10K (Brown, Black, Orange)
- R4=1M (Brown, Black, Green)
- R5=100K POTENTIOMETER
- R6=10K (Brown, Black, Orange)
- R7=15K (Brown, Green, Orange)
- R8=1M (Brown, Black, Green)
- R9=1M (Brown, Black, Green)
- R10=1M (Brown, Black, Green)
- R11=1M (Brown, Black, Green)
- R12=10K (Brown, Black, Orange)
- R13=68 (Blue, Grey, Black)
- R14=1.8K (Brown, Grey, Red)
- R15=1.8K (Brown, Grey, Red)
- R16=1.8K (Brown, Grey, Red)
- R17=1K (Brown, Black, Red)
- R18=10K (Brown, Black, Orange)
- R19=1.8K (Brown, Grey, Red)
- R20=15K (Brown, Green, Orange)
- R21=22K (Red, Red, Orange)
- R22=1K (Brown, Black, Red)
- R23=1M (Brown, Black, Green)

CAPACITORS

- C1=10mF ELECTROLYTIC
- C2=10mF ELECTROLYTIC
- C3=0.1mF RADIAL LEAD
- C4=10mF ELECTROLYTIC
- C5=0.1mF RADIAL LEAD
- C6=0.1mF RADIAL LEAD
- C7=0.1mF RADIAL LEAD
- C8=1mF -DR- 10mF ELECTROLYTIC
- C9=0.1mF RADIAL LEAD

MISC

- D1 TD D4=1N914
- IC1=TS9444AIN -DR- EQUIV.
- IC2=PIC16F88-1/P
- IC3, IC4=PS7141-2A -DR- AQW210EH DR EQUIV.
- REG1=SS817B50A -DR- S812B50B
- T1=2N2222
- CNS1=3 TD 20K PHOTOCELL DR EQUIV.
- SIP1=9-1M OHM RESISTOR ARRAY
- DIPSW=8-POSITION DIP SWITCH
- PIR=RE200B
- DB9=9-PIN FEMALE CONNECTOR
- LED=2V BRIGHT LED

ATTENTION!

DO NOT CONNECT THE BATTERIES BACKWARDS!! THE CIRCUIT BOARD DOES NOT HAVE ANY REVERSE POLARITY PROTECTION!

FIELDPIX

Game Camera Systems

SIZE	FSCM NO.	DWG NO.	REV
SCALE	NONE	CB-4 COMPONENT LAYOUT	1
SHEET			