

LEGEND

SYMBOL

DESCRIPTION



CAPACITOR - ELECTROLYTIC

+ INDICATES POLARITY



CAPACITOR - RADIAL LEAD



DIODE

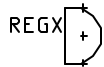
+ INDICATES POLARITY
(BLACK STRIPE ON DIODE)



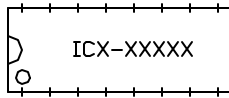
RESISTOR - MOUNTED LIKE THIS:



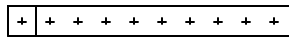
TRANSISTOR



VOLTAGE REGULATOR



INTEGRATED CIRCUIT



SIP - (SINGLE LINE PACKAGE)

INDICATES ORIENTATION OF SIP
(DOT ON SIDE)

ASSEMBLY NOTES:

1. MOST OF THE IC'S ARE CMOS, WHICH MAKE THEM VERY EASILY DAMAGED WHEN HANDLED. IT IS RECOMMENDED TO USE IC SOCKETS WHEN ASSEMBLING THE BOARD, WHEN FINISHED SOLDERING ALL OF THE COMPONENTS, INSTALL THE IC'S IN THE SOCKET. ALSO, USE A GROUNDING STRAP WHEN HANDLING THE IC'S.
2. THE CIRCUIT BOARD DOES NOT HAVE A POWER SWITCH. ALTHOUGH IT IS NOT REQUIRED, IT IS RECOMMENDED TO HAVE A POWER SWITCH MOUNTED BETWEEN THE POWER SUPPLY AND CIRCUIT BOARD.
3. R5 IS THE POTENTIOMETER THAT ADJUSTS THE SENSITIVITY OF THE PIR. SETTING THIS TO 0% (TOWARDS THE '1') GIVES APPROXIMATELY 10' RANGE OR LESS. 100% (TOWARDS THE '3') GIVES GIVES AROUND 60' RANGE ON A COOL DAY. SETTING R5 TO MAXIMUM MAY CAUSE FALSE TRIGGERS.
4. THE DRAWING IS MARKED WITH A + NEAR THE DESIGNATED HOLE FOR COMPONENTS THAT ARE POLARITY SENSITIVE. FOR EXAMPLE, THE ELECTROLYTIC CAPACITORS, DIODES, BATTERY CONNECTION, AND LED.
5. THE LINE INSIDE OF THE DIODE REPRESENTS THE CATHODE (BLACK STRIPE ON COMPONENT) END OF THE DIODE.

FIELDPIX
Game Camera Systems

SIZE	FSCM NO.	DWG NO. CB-4 ASSEMBLY NOTES	REV 0
SCALE NONE		SHEET	