







BATTERY Input: 1. 12V from Primary CR123A*4 2. 16.8V from Secondary RCR123A, 4.2V*4 USB5V D5 B5819W V_MAIN VBAT IN L5 SDB3015-4R7M Q10 CJ2301S U7 R1244N001B C46 0.1uF/16V Q9 CJ2301S 3.92V BST 11 00 21 2 EN SW PAD SMD RECTANGLE 5.0x3.0 C49 C232 R36 2 GND FB 3 100uF/20V/D 10uF/25V USB5V 0.1uF/25V B5819W C50 R37 C51 C52 0.1uF/16V \$ 470K 470pF/50V 39K/1% 10uF/6.3V 0.1uF/16V R38 1K GND GND GND GND JP7 1 _ 2 SHORT GND PAD SMD ELLIPSE 5.0x3.0 R39 Vfb = 0.8VR40 R41 10K 20K R42 10K VBAT_GND 10K/1% GND GND POWER_EN_OUT ______POWER_EN_OUT GND Q11 RESET_POWER RESET_POWER _____ MMBT3904 R44 100K GND GND SYSTECH ELECTRONICS LTD. PRODUCT: HUNTING CAMERA MAIN PCB PCB NUMBER: DESIGN ENGINEER: TIM 01-SYSTEM_POWER Document Number SHC008_BTC-9D_MAIN_1612050 V0.22

































































