


Battery pack current measure J1 and J6 point.
Battery pack Voltage measure J1 and J2 point.

Title *			
Size: A4	Number:*	Revision:*	
Date: 24/08/2022	Time: 14:14:06	Sheet* of *	
File: C:\Users\Public\Documents\GitHub\Project1\Battery_monitor\Battery_Mnitor1.SchDoc			

Comment	Description	Designator	Footprint	LibRef	Quantity
1uF	Cap Ceramic 1uF 25V X5R ±10% SMD 0402 +85°C Paper T/R	C4	FP-CL542-IPC_C	CMP-13271-001051-1	1
2.2uF	Cap Ceramic 2.2uF 25V X5R ±20% SMD 0402 +85°C Paper T/R	C04	FP-CL826-IPC_C	CMP-13271-001859-1	1
2pin Wire Connector_1	Header, 2-Pin, Right Angle	con1	HDR1X2H	Header 2H	1
Dip Switch	SPST 24V 25mA Red -20°C~+70°C 3000 Flat dial, raised type 2.54mm 6 Plugin DIP Switches ROHS	DS-05RP	DIP10	Component_1	1
5004	PC TEST POINT MINIATURE YELLOW	J1, J2, J3, J4, J5, J6	FP-5004-MFG	CMP-2000-05575-2	6
Red	LED, RED, 2.1 V, -40 to 100 degC, 2-Pin SMD (0603), RoHS, Tape and Reel	LED1	VISH-TLMX1100_V	CMP-1666-00027-1	1
ESP32-WROOM-32	Dual core, Wi-Fi: 2.4 GHz up to 150 Mbits/s,BLE (Bluetooth Low Energy) and legacy Bluetooth, 32 bits, Up to 240 MHz	M1	ESP32-DEVKIT-V1	ESP32-DEVKIT-V1	1
NXRT15XH103FA1B030	Thermistor NTC 10kΩ ±1% 2-Pin Radial Bulk	NTC1, NTC2	FP-NXR_151B030-MFG	CMP-06022-001050-1	2
10K		R1, R2, R3	RESC1005X40X25LL05T10	CMP-2002-07353-1	3
1K		R4	RESC1005X40X25LL05T10	CMP-2002-07941-1	1
0R	RES SMD 0 OHM JUMPER 1/16W 0402	R5, R6, R7	FP-RC0402-0_4-IPC_A	CMP-2002-07342-2	3
LC709204FXE-01TBG	Battery Management FUEL GAUGE	U2	BGA12C40P4X3_191X148X51	LC709204FXE-01TBG	1