













Itom # Imp Nama Erros: Manufa	d #Column Name Error:Manufacturer No	Quantity	#Column Name Error:Note	Designator	Description	Footprint	Comment	LibRef
1 Inn Name Error: Manufa	#Column Name Error: Wanufacturer No	Quantity	#Column Name Error:Note	Designator C1	CAP CER 47PF 50V NP0 0402	C0402	0402	CL05C470FB5NNNC
<u> </u>		1		C2. C3			18pF	
2		20			CAP CER 18PF 50V NP0 0402	C0402		CL05C180GB5NCNC
		20		C4, C7, C10, C11, C12,	CAP CER 0.1UF 10V X7R 0402	C0402	0.1uF	CL05B104JP5NNNC
				C13, C14, C18, C19, C20,				
				C21, C22, C23, C24, C25,				
		_		C26, C27, C28, C29, C30				
4		2		C5, C6	CAP CER 9PF 50V NP0 0402	C0402	9pF	CL05C090CB5NNNC
5		2		C8, C9	CAP CER 2.2UF 6.3V X5R 0402	C0402	2.2uF	CL05A225KQ5NSNC
6		3		C15, C16, C17	CAP CER 1UF 25V X5R 0402, CAP CER 1UF 25V X5R 0402, CAP CER 10UF 6.3V X5R 0603	C0603	0603	CL05A105KA5NQNC,
								CL05A105KA5NQNC,
								CL10A106KQ8NNNC
7		1		C31	CAP CER 10000PF 10V U2J 0603	C0603	0.01uF	GRM1857U1A103JA44E
8		1		C32	CAP CER 4.7UF 6.3V X5R 0402	C0402	4.7uF	CL05A475KQ5NRNC
9		1		D1	DIODE SCHOTTKY 23V 1A SOD323		BAT20JFILM	BAT20JFILM
						DIOM1712X11N		
10		1		D2	LED GREEN CLEAR 0603 SMD	LED0603_GREEN	LED Green	LTST-C191KGKT
11		1		D3	LED ORANGE CLEAR 0603 SMD	LED0603_ORANGE	LED Orange	LTST-C191KFKT
12		8		DA2, DA3, DA4, DA5, DA6,	TVS DIODE 3.3VWM 26VC SOT23		PESD3V3L2BT,215	PESD3V3L2BT,215
				DA7, DA8, DA9		<u> </u>		
13		1		FB1	FERRITE BEAD 600 OHM 0402 1LN	BLM15HG601SN1D	BLM15HG601SN1D	BLM15HG601SN1D
14		1		FB2	FERRITE BEAD 30 OHM 0603 1LN	MI0603K300R-10	MI0603K300R-10	MI0603K300R-10
15		1		IC1	ESP8266 ESP-02	ESP8266 ESP-02	ESP8266 ESP-02	ESP8266 ESP-02
16		1		J1	Micro USB Jack B		DX4R005J91R5100	Micro USB
						Only		
17		1		.12	20021121-00010C4LF ARM COrtex JTAG	FTSH-105-XX-X-DV	20021121-00010C4LF	20021121-00010C4LF
18		1		.13	CONN HEADER PH SIDE 2POS 2MM	S2B-PH-K-S(LF)(SN)	S2B-PH-K-S(LF)(SN)	S2B-PH-K-S(LF)(SN)
19		1		.14	CONN HEADER PH SIDE 2POS 2MM	S3B-PH-K-S(LF)(SN)	S3B-PH-K-S(LF)(SN)	S3B-PH-K-S(LF)(SN)
20		8		J5, J6, J7, J8, J9, J10, J11,	CONN HEADER PH TOP 4POS 2MM		B4B-PH-K-S LF SN	B4B-PH-K-S LF SN
20		۰		112	GONNA TEACHT TO A CO ZIVIVI	B4B-11PK-5(E1)(SI4)	DAB-TTHC-0 ET ON	DAD-I IFK-0 EI GIV
21		1		D12	Header, 3-Pin, Dual row	HDR2X3	Header 3X2	Header 3X2
22		1		Do.	Header, 2-Pin	HDR1X2	Header 2	Header 2
23		1		P2		HDR1X3		
24		2		P4, P5	Header, 3-Pin Header, 5-Pin, Dual row	HDR2X5	Header 3 Header 5X2	Header 3 Header 5X2
25		- 4		01	MOSFET P-CH 30V 2.5A SOT-23	DMG2307L-7 -	DMG2307L-7	DMG2307L-7
		'		Q1	WOSPET P-OR 30V 2.5A 501-23	SOT92P240X102-3N	DMG2307L-7	DIVIG2307L-7
00					DEC 01/D 414 01/D 407 41/01/01/01			D04005E40500
26		1		R1	RES SMD 1M OHM 1% 1/16W 0402	R0402	1M	RC1005F105CS
27		8		R2, R3, R4, R5, R19, R20,	RES SMD 1K OHM 1% 1/16W 0402	R0402	1k	RC1005F102CS
				R21, R22				
28		2		R6, R26	RES SMD 10K OHM 1% 1/16W 0402	R0402	10K	RC1005F103CS
29		2		R7, R8	RES SMD 2K OHM 1% 1/8W 0805	R0805	ERJ-6ENF2001V	ERJ-6ENF2001V
30		1		R9	Standin 0402	R0402	100K	Standin 0402
31		1		R10	RES SMD 487 OHM 1% 1/16W 0402	R0402	RC1005F4870CS	RC1005F4870CS
32		10		R11, R12, R13, R14, R15,	4.7k Ohm ±1% 0.063W, 1/16W Surface Mount Resistor Thick Film ±100ppm/°C 0402 (1005 Metric)	R0402	4k7	RC1005F472CS
				R16, R17, R18, R27, R28				
33		2		R23, R24	RES SMD 22 OHM 0.1% 1/16W 0402	R0402	22r	1879208-9
34		1		R25	RES SMD 47K OHM 1% 1/16W 0402	R0402	47K	RC1005F473CS
35		4		RN1, RN2, RN3, RN4	RES ARRAY 4 RES 200 OHM 0804		200 ohm	EXB-N8V201JX
						50P200X100-8N		
36		2		SW1, SW2	SWITCH TACTILE SPST-NO 0.05A 12V	B3U-1000P	B3U-1000P	B3U-1000P
37		1		U1		STM32F446RET6 -	STM32F446RET6 - TQFP64	STM32F446RET6
						TSQFP50P1200X1200X160-		1
						64N		1
38		1		U2	IC BATT CHARGER LI-ION 10WSON (VBUS and Solar Voltaic Cell)	bg24210 -	BQ24210DQCT	BQ24210DQCT
						QFN50P300X200X80-10N		1
39		1		U3	IC REG LDO 3.3V 0.8A SOT89	AZ1117CR-3.3TRG1 - SOT89	- AZ1117CR-3.3TRG1	AZ1117CR-3.3TRG1
				[ <sup>50</sup>		150P410X160-3N		12
40		1		1.14	IC EXPANDABLE 5CH I2C HUB 20SOIC	PCA9518DWR	PCA9518DWR	PCA9518DWR
41	<u> </u>	1		US	Dual 4-channel analog multiplexer/demultiplexer	74HC4052	74HC4052	74HC4052
42		1		Y1	32.768kHz ±20ppm Crystal 9pF 70 kOhm -40°C ~ 85°C Surface Mount 2-SMD	ABS07-32.768KHZ-9-T	ABS07-32.768KHZ-9-T	ABS07-32.768KHZ-9-T
43		1		X2		ABM3B8.000MHZB2T	8MHZ	ABM3B8.000MHZB2T
40		'		l^2	8MHz ±20ppm Crystal 18pF 200 Ohm 20° C ~ 70°C Surface Mount 4SMD, No Lead (DFN, LCC)	ADIVIDEO.UUUIVITIZBZI	OIVII-12	ADIVIDO.UUUNITEB21