



Title		
Size	Number	Revision
A3		
Date:	2017/7/19	Sheet of
File:	D:\OneDrive\...\BQ24773 V1.SchDoc	Drawn By:

Comment	Description	Designator	Footprint	LibRef	Quantity
1uF	Capacitor	C1, C19, C22, C30	0603-C	Cap	4
10uF	Capacitor	C2, C3, C21, C23	1206 C	Cap	4
100uF		C4	C10X10	Cap 有极性	1
2.2uF	Capacitor	C6	1206 C	Cap	1
22uF	Capacitor	C7, C8, C9, C10	1210C	Cap	4
0.1uF	Capacitor	C14, C16, C17, C24, C25, C28, C31, C33	0603-C	Cap	8
2200pF	Capacitor	C18	0603-C	Cap	1
0.047uF	Capacitor	C20	0603-C	Cap	1
470pF	Capacitor	C29	0603-C	Cap	1
0.01uF	Capacitor	C32	0603-C	Cap	1
100pF	Capacitor	C36, C37, C38	0603-C	Cap	3
2.2uF	Capacitor	C50	0603-C	Cap	1
104	Capacitor	C51, C52, C53, C54, C55, C56	0603-C	Cap	6
BAT54C		D2	SOT23	D2PAK	1
OUT	Header, 2-Pin	J2	5.08A-2PIN	Header 2	1
BAT	Header, 2-Pin	J3	5.08A-2PIN	Header 2	1
Header 4H	Header, 4-Pin, Right Angle	J4, J5	HDR1X4	Header 4H	2
Header 3	Header, 3-Pin	J6	HDR1X3	Header 3	1
2.2uH	Inductor	L1	IND12X12	Inductor	1
22uH	Inductor	L3, L4	L5X5	Inductor	2
LED		LED3, LED4, LED5	LED0805G	LED	3
MOS P		M1, M2	TO-252	MOS P	2
DC 5.5X2.1		P1	DCIN	DC 5.5X2.1	1
Header 3	Header, 3-Pin	P2	5.08A-3PIN	Header 3	1
Header 5	Header, 5-Pin	P3	XHS2.5-5P	Header 5	1
CSD87312Q3E		Q1	SON 3.3X3.3 Q3	CSD87312Q3E	1
CSD17308Q3		Q2, Q5	SON 3.3X3.3 Q1	CSD17308Q3	2
CSD25401Q3		Q3	SON 3X3 Q2	CSD25401Q3	1
BSS138W-7-F		Q6	SOT323	MOS N2	1
MOS N2		Q8		MOS N2	1
0.01Ω	Resistor	R1, R5	2512-R	Res2	2
3.9Ω	Resistor	R2, R3	1206R	Res2	2
0	Resistor	R4, R18, R20, R21, R29	0603-r	Res2	5
4.7Ω	Resistor	R6	0603-r	Res2	1
0Ω	Resistor	R8, R9	0603-r	Res2	2
430K	Resistor	R10	0603-r	Res2	1
4.02K	Resistor	R12, R13	0603-r	Res2	2
316K	Resistor	R14	0603-r	Res2	1
100K	Resistor	R15, R27, R39, R41	0603-r	Res2	4
10Ω	Resistor	R16	1206R	Res2	1
66.5K	Resistor	R17	0603-r	Res2	1
10K	Resistor	R22, R28, R33, R35, R36, R37	0603-r	Res2	6
10Ω	Resistor	R23	0603-r	Res2	1
0	Resistor	R24	0805-R	Res2	1
499K	Resistor	R31	0603-r	Res2	1
140K	Resistor	R32	0603-r	Res2	1
30.1K	Resistor	R34	0603-r	Res2	1
49.9K	Resistor	R38	0603-r	Res2	1
3M	Resistor	R40	0603-r	Res2	1
1M	Resistor	R42, R59	0603-r	Res2	2
2K	Resistor	R43, R44, R45	0603-r	Res2	3
3.01M	Resistor	R46	0603-r	Res2	1
0.01	Resistor	R50	2512-R	Res2	1
51	Resistor	R51	0603-r	Res2	1
1K	Resistor	R52, R53, R54, R55, R56, R57, R61	0603-r	Res2	7
5.1K	Resistor	R58, R60	0603-r	Res2	2
SW--DIP--4		S1	SMT DIP SW 4	SW--DIP--4	1
Header 6X2A	Header, 6-Pin, Dual row	TP1	HDR2X6	Header 6X2A	1
BQ24773		U1	WQFN-28	BQ24773	1
TPS3898A		U2	SON DRY6	TPS3898A	1
8254A		U3	TSSOP16	8254A	1