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D

Title		
Size A4	Number	Revision
Date:	2/21/2023	Sheet of
File:	\\.\Copy of M2247-0219.SchDoc	Drawn By:

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Comment	Description	Designator	Footprint	LibRef	Quantity
1uF_50V	贴片电容	C1	C0603	C	2
0.1uF_50V	贴片电容, Capacitor	C2, C3, C4, C5, C6, C7, C8, C9, C10, C11	C0603	C, Cap	20
10uF 50V	Capacitor	C13, C14, C15, C21, C22, C38, C39, C40, C41, C42, C43	C0603	Cap	22
1uF 50V	Capacitor	C16, C26	C0603	Cap	4
47pF 50V	Capacitor	C18	C0603	Cap	2
1nF 50V	Capacitor	C19	C0603	Cap	2
0.1uF 50V	Capacitor	C20, C30, C31, C32, C33, C34, C36, C37	C0603	Cap	16
47pF	Capacitor	C24	C0603	Cap	2
100pF	Capacitor	C25	C0603	Cap	2
47nF	Capacitor	C29	C0603	Cap	2
2.2uF 50V	Capacitor	C35	C0603	Cap	2
2.2nF	Capacitor	C44, C45	C0603	Cap	4
FS2MFL	Default Diode	D1, D12, D13	SMA	Diode	6
1N4148WX	贴片二极管 150mA/100V 丝印: T4 1N4148WX SOD-323	D2	SOD_323	Diode_SOD323	2
AU3601D5	Zener Diode	D3, D5, D6, D7, D8	SOD-523	D Zener	10
SK3150	1 Amp General Purpose Rectifier	D10, D11	SMA - duplicate	Diode 1N4001	4
LED3	Typical INFRARED GaAs LED	D14	LED 0402	LED0	2
LED1	Typical INFRARED GaAs LED	D15	LED 0402	LED0	2
LED4	Typical INFRARED GaAs LED	D16	LED 0402	LED0	2
LED2	Typical INFRARED GaAs LED	D17	LED 0402	LED0	2
MMT3Z5V6	Zener Diode	D18, D19	SOD_323	D Zener	4
15A		F1	WPF	SCF	2
Jump		J1	J - duplicate	Jump	2
4.7uH	色环电感	L1	CD73	L-AL	2
10K 3435	SMT Resistor	NTC1	R0603	Thermistor	2
10K B=3435	Varistor (Voltage-Sensitive Resistor)	NTC2	R0603	Res Varistor	2
Header 8	Header, 8-Pin	P1	HDR1X8	Header 8	2
SWD	Header, 4-Pin	P2	SIP4 2.54MM	Header 4	2
T1.5mm		P-, P+	PAD 3.5*1.8	Testpoint1.5mm	4
CMN3004AF5	MOSFET管 N 型 MCQ18N03 SOP8	Q1, Q2, Q3, Q4, Q6, Q8	DFN5*6	N-MOS SOP8	12
SI2318A		Q5	SOT_23	2N7002	2
1K	Resistor	R1, R43, R44, R48, R49, R57	R0603	Res2	12
100Ω	Resistor	R2, R3, R4, R5, R6, R19, R20, R21, R22, R23, R24, R30, R31	R0603	Res2	26
100R/1%	贴片电阻	R7, R8	R0603	R	4
51K/1%	贴片电阻	R9	R0603	R	2
10M/1%	贴片电阻	R10	R0603	R	2
5.1K/1%	贴片电阻	R11	R0603	R	2
3M/1%	贴片电阻	R12	R0603	R	2
100K/1%	贴片电阻	R13	R0603	R	2
82K/1%	贴片电阻	R14	R0603	R	2
0Ω	贴片电阻, Resistor	R15, R54, R55	R0603	R, Res2	6
10K/1%	贴片电阻	R16	R0603	R	2
2M	贴片电阻	R17, R18	R0603	R	4
10K	Resistor	R25, R26, R27, R28, R29, R34, R50, R51, R53	R0603	Res2	18
1.2K	Resistor	R35	R0805	Res2	2
68K	Resistor	R40	R0603	Res2	2
51K	Resistor	R41	R0603	Res2	2
4.99K	Resistor	R45	R0603	Res2	2
200K	Resistor	R46	R0603	Res2	2
18K	Resistor	R47	R0603	Res2	2
2.2Ω	Resistor	R52	R0603	Res2	2
0R	Resistor	R56	R0603	Res2	2
Res2	Resistor	R60, R62, R63, R64, R65	R0603	Res2	10
8mR	贴片电阻	RS1	R2512	R	2
10mR	贴片电阻	RS3, RS4	R2512	R	4
SW-PB	Switch	S1	SMD3*6*2.5	SW-PB	2
SC5550FAAB	SC5550FAAB, TSSOP-20L	U1	TSSOP-20	SC5550FAAB	2
SC8803		U2	QFN32-4*4	SC8803	2
BQ40Z50SMR-R2		U3	QFN32-4*4	BQ40Z50	2