

Designator	Value	Description	28x1	Footprint	Quantity
C1	102/50V	Ceramic Capacitor	陶瓷電容 NP0 / 50V	C0805A	1
C2	332/300V	Y Capacitor	Y電容 LK AC332M	RAD-0.3	1
C4	0.1uF/275	BOX Capacitor	X2 電容	RAD0.6B	1
C5	104/630V	POLYPROPYLENE FILM Capacitor	聚苯乙烯電容(軸向、圓板形)	RAD0.6B	1
C6, C13, C18	104/50V	Ceramic Capacitor, MLCC Capacitor	多層陶瓷電容器	RAD0.2B	3
C8	12PF/50V	Ceramic Capacitor	陶瓷電容 NP0 / 50V	C0805A	1
C9	22u/450V	Electrolytic Capacitor	電解電容 105°C	RB.3/.6A	1
C11	OPEN				
C12, C17	10uF/25V	Electrolytic Capacitor	電解電容105°C	RB.2/.2	2
C14, C27	2.2uF/25V	Electrolytic Capacitor	電解電容105°C	RB.2/.2	2
C15	4.7uF/25V	Electrolytic Capacitor	電解電容105°C	RB.2/.2	1
C16	270P/50V	Ceramic Capacitor	陶瓷電容 NP0 / 50V	C0805A	1
C19	1u/25V	Electrolytic Capacitor	電解電容105°C	RB.2/.2	1
C20	224/50V	Ceramic Capacitor	陶瓷電容 NP0 / 50V	C0805A	1
C21	103/50V	Ceramic Capacitor	陶瓷電容 NP0 / 50V	C0805A	1
C23	152/1KV	POLYPROPYLENE FILM Capacitor	聚苯乙烯電容(軸向、圓板形)	RAD-0.3	1
C24	124/400V	POLYPROPYLENE FILM Capacitor	聚苯乙烯電容(軸向、圓板形)	RAD0.6A	1
C25	392/1KV	POLYPROPYLENE FILM Capacitor	聚苯乙烯電容(軸向、圓板形)	RAD0.6A	1
C28	104/50V	Ceramic Capacitor	陶瓷電容 NP0 / 50V	C0805A	1
C29, C30	470pF/50V	Ceramic Capacitor	陶瓷電容 NP0 / 50V	C0805A	2
CNR1	10D511K	Varistor	CNR 壓敏電阻	RAD-0.2	1
D1	2KBP08M	Bridge Diode	橋式整流器	SIP4C	1
D3, D4, D9, D10, D19	1N4148	Diode 75V, 1A	SMD 二極體	CD3216-1206A	5
D5	UF208	Diode HIGH EFFICIENCY RECTIFIERS 600V, 3A	超快開關整流器	DIODE-0.4	1
D2,D7, D8	1N5819	1 Amp General Purpose Rectifier	1Amp 肖特基整流器	CD4532-1812A	2
D11, D16	RS1J	Diode FAST RECOVERY RECTIFIER 700V, 1A	快恢復整流二極體	CD4532-1810	2
D15	FR107	Diode FAST RECOVERY RECTIFIER 700V, 1A	快恢復整流二極體	DIODE-0.4	1
D20	HER106	Diode HIGH EFFICIENCY RECTIFIERS 600V, 1A	高效整流二極體	DIODE-0.4	1
F1	3.15A/250V	Fuse	10mm臥式保險絲	FUSE0.6	1
J1	端子	Header, 2-Pin	輸入'端子	IDC4-3.8mm	1
J2	跳線		供給系統接地用兩條跳線	GND1	1
L1	16mH	L1B-35AE LTE Inductor	L1B-35AE	EE1414H	1
L3		TH07TS AXIS	TH07TS	EE2520H	1
L4	40T:80T	23-08001A AS Inductor	23-08001A	EE0808	1
L5		T2-35A1JS LTE	T2-35A1JS	EE2720H	1
L7	輸出端子	Header, 4-Pin	輸出端子	IDC8-3.8MM	1
Q1, Q3, Q4	B10NK60Z	Transistor, MOSFET 600V, 6A	N-channel 600V - 0.65Ω - 10A	TO-220B	3
R2, R10, R21, R40, R41	300K	Resistor 1/8W	SMD 0805 電阻	2012[0805]A	5
R3	10K	Resistor 1/8W	SMD 0805 電阻	2012[0805]A	1
R4	47K	Resistor 1/8W	SMD 0805 電阻	2012[0805]A	1
R5, R6, R39	510K	Resistor 1/8W	SMD 0805 電阻	2012[0805]A	3
R7	1MEG	Resistor 1/8W	SMD 0805 電阻	2012[0805]A	1
R9	75K	Resistor 1/8W	SMD 0805 電阻	2012[0805]A	1

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R11, R29	150K	Resistor 1/8W	SMD 0805 電阻	2012[0805]A	2
R12	0	Resistor 1/8W	SMD 0805 電阻	2012[0805]A	1
R14, R26, R27	27	Resistor 1/8W	SMD 0805 電阻	2012[0805]A	3
R17	0.5Ω/1W	Resistor 1W	0.5Ω/1W DIP電阻	AXIAL-0.5	1
R18	6.34K	Resistor 1/8W	SMD 0805 電阻	2012[0805]A	1
R20	270K	Resistor 1/8W	SMD 0805 電阻	2012[0805]A	1
R22	43K	Resistor 1/8W	SMD 0805 電阻	2012[0805]A	1
R23	39K	Resistor 1/8W	SMD 0805 電阻	2012[0805]A	1
R28	1K	Resistor 1/8W	SMD 0805 電阻	2012[0805]A	1
R30	1.5Ω/1W	Resistor 1W	0.5Ω/1W DIP電阻	AXIAL-0.5	1
R31A, R32	1.2MEG	Resistor 1/8W	SMD 0805 電阻	2012[0805]A	2
R34	24K	Resistor 1/8W	SMD 0805 電阻	2012[0805]A	1
R36, R37	1MEG	Resistor 1/8W	SMD 0805 電阻	2012[0805]A	2
R38	680K	Resistor 1/8W	SMD 0805 電阻	2012[0805]A	1
R42, R43	33K	Resistor 1/8W	SMD 0805 電阻	2012[0805]A	2
SZ1, SZ2	12V	Zener Diode	齊納二極管	CD3216-1206A	2
SZ3, SZ4	5.1V	Zener Diode	齊納二極管	CD3216-1206A	2
U1	M8128	M8128	Mosdesign M8128 DIP-8	DIP-8	1
U2	M8145	M8145	Mosdesign M8145 SOP-16	SO-16	1