

Designator	Value	Description	28x2	Footprint	Quantity
C1, C21	102/50V	Ceramic Capacitor	陶瓷電容 NP0 / 50V	C0805A	2
C2	332/300V	Y Capacitor	Y電容 LK AC332M	RAD-0.3	1
C4	0.1uF/275V	BOX Capacitor	X2 電容	RAD0.6B	1
C5	0.22uF/275V	BOX Capacitor	X2 電容	RAD0.6B	1
C6, C13, C18	104/50V	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	33u/450V	Electrolytic Capacitor	電解電容 105℃	RB.3/.6A	1
C11	OPEN				1
C12	22uF/25V	Electrolytic Capacitor	電解電容 105℃	RB.2/.2	1
C14, C27	2.2uF/25V	Electrolytic Capacitor	電解電容 105℃	RB.2/.2	2
C15	4.7uF/25V	Electrolytic Capacitor	電解電容 105℃	RB.2/.2	1
C16	270P/50V	Ceramic Capacitor	陶瓷電容 NP0 / 50V	C0805A	1
C17	10uF/25V	Electrolytic Capacitor	電解電容 105℃	RB.2/.2	1
C19	1u/25V	Electrolytic Capacitor	電解電容 105℃	RB.2/.2	1
C20	224/50V	Ceramic Capacitor	陶瓷電容 NP0 / 50V	C0805A	1
C23	821/1KV	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, C26	332/1KV	POLYPROPYLENE FILM Capacitor	聚苯乙烯電容(軸向、圓板形)	RAD0.6A	2
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	D3SBA60	Bridge Diode	橋式整流器	SIP4B	1
D2, D7, D8	1N5819	1 Amp General Purpose Rectifier	1Amp 肖特基整流器	DO-41	3
D3, D4, D9, D10, D19	1N4148	Diode 75V,1A	SMD 二極體	CD3216-1206A	5
D5	UF5407G	Diode HIGH EFFICIENCY RECTIFIERS 600V, 3A	高效整流器	DIODE0.7A	1
D11, D16, D17, D18	RS1J	Diode FAST RECOVERY RECTIFIER 700V,1A	高效整流器	CD4532-1810	4
D15	FR107	Diode FAST RECOVERY RECTIFIER 700V,1A	高效整流器	DIODE-0.4	1
D20	HER106	Diode HIGH EFFICIENCY RECTIFIERS 600V, 1A	高效整流器	DIODE-0.4	1
F1	3.15A/250V	Fuse	10mm臥式保險絲	FUSE0.6	1
J1	輸入端子	Jumper Wire Pin spacing 5mm 235-403(2LG+1G)	輸入端子	IDC6C	1
L1	16mH	EE19H Inductor	AUT-2003V-G	EE1916H_EMI	1
L2	350uH	Q Bobbin nductor	T50-52B+BASE	Q.3/.3	1
L3	700uH	EE25 Inductor	T1-20EF	EE25_PFC8	1
L4	40T:80T	EE08 Inductor	23-08001A	EE0808	1
L5, L6	3.8mH	EE25 Inductor	T2-35A1J	EE2520_LRES8	2
L7	輸出端子	Jumper Wire Pin spacing 3.5mm 235-107/000-009	輸出端子	IDC14-MIN	1
Q1	2SK2996	Transistor, MOSFET 600V, 11A	場效電晶體	TO-220B	1
Q3, Q4	2SK2628	Transistor, MOSFET 600V, 6A	場效電晶體	TO-220B	2
R2, R7, R36, R37	1MEG	Resistor 1/8W	SMD 0805 電阻	2012[0805]A	4
R3, R28	1K	Resistor 1/8W	SMD 0805 電阻	2012[0805]A	2
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
R9, R11	100K	Resistor 1/8W	SMD 0805 電阻	2012[0805]A	2

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R10, R21, R40, R41	300K	Resistor 1/8W	SMD 0805 電阻	2012[0805]A	4
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	0.25Ω/1W	Resistor 1W	0.25Ω/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, R23	43K	Resistor 1/8W	SMD 0805 電阻	2012[0805]A	2
R29	150K	Resistor 1/8W	SMD 0805 電阻	2012[0805]A	1
R30	0.75Ω/1W	Resistor 1W	0.75Ω/1W DIP電阻	AXIAL-0.5	1
R31, R31A, R32, R33	1.2MEG	Resistor 1/8W	SMD 0805 電阻	2012[0805]A	4
R34, R35	24K	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	33K	Resistor 1/8W	SMD 0805 電阻	2012[0805]A	1
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	Mosdesign M8128 DIP-8	Mosdesign M8128 DIP-8	DIP-8	1
U2	M8145	Mosdesign M8145 DIP-14	Mosdesign M8145 DIP-14	DIP-14	1