

SMPS BILL OF MATERIAL							
Si.No	Part	Value	Designator	Part No	package	Qty	Reference
1	Disc Capacitor	330nF	C3		0805	1	
	Disc Capacitor	8.2pF	C9		0805	1	
2	Disc Capacitor	1000pF	C5		0805	1	
3	Electrolytic Capacitor	4.7uF/400V	C1, C2		TH	2	
4	Electrolytic Capacitor	560uF/35V	C7		0805	1	
5	Disc Capacitor	1nF	C4		0805	1	
6	Disc Capacitor	330nF	C6		0805	1	
7	Inductor	470uH	L1	744043471		1	
8	Resistor	487E	R1		0805	1	
9	Resistor	5.11M	R2, R3, R4		0805	3	
10	Resistor	2.05E	R5		0805	1	
11	Resistor	10K	R6,R9		0805	2	
12	Resistor	10E	R7		0805	1	
13	Resistor	22.5E	R8		0805	1	
15	Resistor	121K	R10		0805	1	
16	Resistor	30.1K	R11		0805	1	
17	Resistor	4.64K	R12		0805	1	
18	Resistor	3.1K	R13		0805	1	
19	Flyback Transformer Driver IC		U1	UCC28700	SOT-23(6)	1	
20	MOSFET N Channel		U2	STD2HMK	TO220	1	
21	Diode		D1	MURS160-13-F	DIODE-SMB	1	
22	Diode		D2	B340LB-13-F	DIODE-SMB	1	
23	Diode		D3	RS1B-13-F	DIODE-SMB	1	
24	Zener Diode		ZD1	SMBJP6KE82A	DO214AA	1	
25	Bridge Rectifier		BR1	MB6S	SOIC-4	1	
26	Flyback Transformer		T1	750817015	SMD	1	
27	Connector	1X2	CN1,CN2		5.08mm Pitch	2	