

File: UCC39421EVM007

Date: 8/22/00

UCC39421 SEPIC EVM BOM

Ref Des	Qty	Part Number	Description	MFG	Size	Source
C1	1		120pF NPO ceramic cap		0805	
C2	1		2200pF X7R ceramic cap		0805	
C3, C5	2		0.1uF X7R ceramic cap		0805	
C4	1		1uF X7R ceramic cap		1206	
C6, C10	2	LMK325BJ106MN	10uF, 10V, X5R MLC capacitor	Taiyo Yuden	1210	
C7, C8	2	6TPC100M	100uF, 6.3V "POSCAP" capacitor	Sanyo	D2	
C9	1	JMK316BJ106ML	10uF, 6.3V, X5R MLC capacitor	Taiyo Yuden	1206	
C11	1		120pF NPO ceramic cap (provisional)		0805	
D1	1	ZHCS1000	1A Schottky Diode (optional)	Zetex	SOT-23	
D2	1	BAT54	0.2A Schottky Diode	Zetex	SOT-23	
L1	1	511-0033	4.7uH Coupled Inductor	BH Electronics	8th-Pak	
Q1	1	Si6562DQ	Dual MOSFET (N/P)	Siliconix	TSSOP-8	
R1, R9	2		150K, 1%, 0.1W metal film resistor		0805	
R2	1		49.9K, 1%, 0.1W metal film resistor		0805	
R3	1		40.2K, 1%, 0.1W metal film resistor		0805	
R4	1		33K, 5%, 0.1W metal film resistor		0805	
R5	1		1 Meg, 5%, 0.1W metal film resistor		0805	
R6	1		2K, 5%, 0.1W metal film resistor		0805	
R7	1		1K, 5%, 0.1W metal film resistor		0805	
R8	0		Provisional resistor (not installed)		0805	
R10	1	LRC-LRF1206-01-R025-J	.025 Ohm, 5%, 0.5W Film Resistor	IRC	1206	
U1	1	UCC39421PW	High Frequency PWM controller	TI	TSSOP-16	
	1	DM39421 Rev B	Printed circuit board			

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