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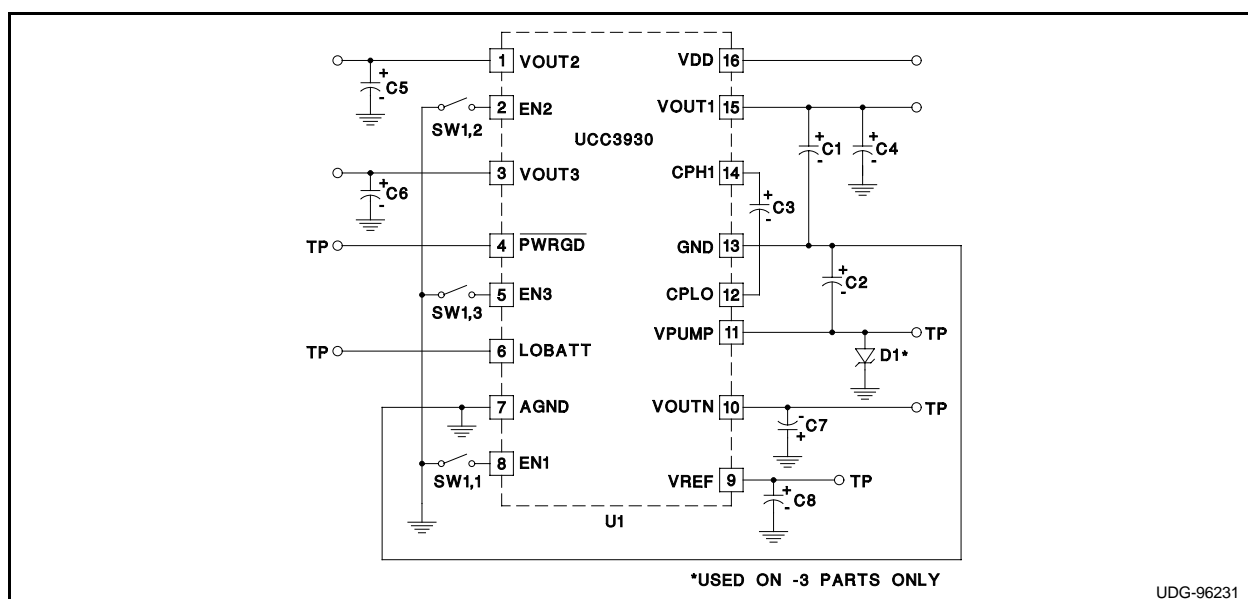
Design Note

UCC3930 Cellular Telephone Power Converter Evaluation Kit Schematic and List of Materials

by Chuck Melchin

The Unitrode UCC3930 Cellular Telephone Power Converter integrates three positive, low dropout voltage regulators, a negative voltage power source for GaAs MESFET amplifiers, and low battery and power good signal logic in a 16 pin SSOP or DIP package. This evaluation kit is intended to enable a designer to appreciate the various features of this device. There are conven-

ient easy clip pins to attach power and to measure pertinent test points. There are also dip switches connected to the output enable pins for selecting different output configurations. For complete details of the operation of the UCC3930, please refer to the UCC3930 datasheet included in the evaluation package.



List of Materials:

C1	10µF	Sprague #595D106X0010A2T
C2	2.2µF	Sprague #595D225X0010T2T
C3	0.1µF	#ECU - V1H104KBW
C4	2.2µF	Sprague #595D225X0010T2T
C5	2.2µF	Sprague #595D225X0010T2T
C6	1µF	Sprague #595D105X0020T2T
C7	1µF	Sprague #595D105X0020T2T
C8	0.1µF	#ECU - V1H104KBW
D1		SK12DICT
SW1		CTC2083
U1		UCC3930-3 or UCC3930-5

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