

CS2841B

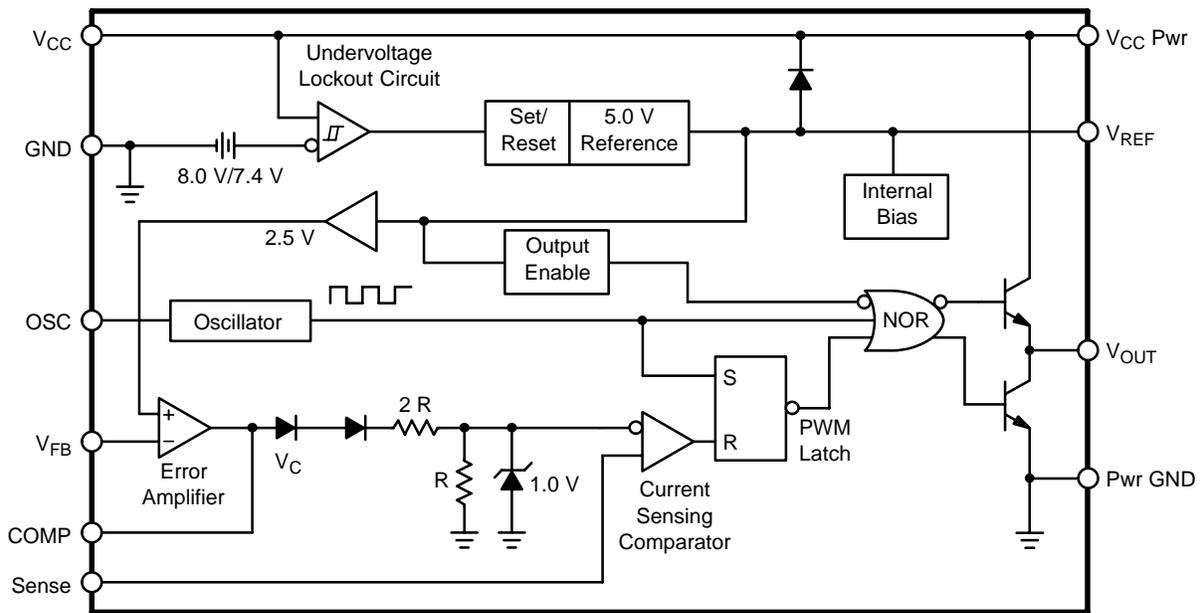


Figure 1. Block Diagram

MAXIMUM RATINGS

Rating	Value	Unit	
Supply Voltage (Low Impedance Source)	40	V	
Output Current	±1.0	A	
Output Energy (Capacitive Load)	5.0	μJ	
Analog Inputs (V _{FB} , Sense)	-0.3 to 5.5	V	
Error Amp Output Sink Current	10	mA	
Lead Temperature Soldering	Wave Solder (through hole styles only) Note 1 Reflow (SMD styles only) Note 2	260 peak 230 peak	°C °C

Maximum ratings are those values beyond which device damage can occur. Maximum ratings applied to the device are individual stress limit values (not normal operating conditions) and are not valid simultaneously. If these limits are exceeded, device functional operation is not implied, damage may occur and reliability may be affected.

1. 10 seconds max
2. 60 seconds max above 183°C

ORDERING INFORMATION

Device	Package	Shipping†
CS2841BEBN8	PDIP-8	50 Units / Rail
CS2841BEBN8G	PDIP-8 (Pb-Free)	50 Units / Rail
CS2841BED14	SOIC-14	55 Units / Rail
CS2841BED14G	SOIC-14 (Pb-Free)	55 Units / Rail
CS2841BEDR14	SOIC-14	2500 / Tape & Reel
CS2841BEDR14G	SOIC-14 (Pb-Free)	2500 / Tape & Reel

†For information on tape and reel specifications, including part orientation and tape sizes, please refer to our Tape and Reel Packaging Specifications Brochure, BRD8011/D.