

800V CoolSET™

产品特点

800V 固定频率 CoolSET™

- 带启动单元的 800V 雪崩加强 CoolMOS™
- 800V 启动单元
- 主动突发模式，可达到最低待机功率 100mW
- 可选进出突发模式级别
- 针对高负载跳变的可调屏蔽时间
- 针对低 EMI 的频率抖动和软驱动
- 输入过欠压保护功能
- 针对过载、过热、过压的自动重启保护，外部保护使能功能
- 无铅引线电镀
- 符合 RoHS 标准

Product	Frequency _(SW) [kHz]	V _{DS(breakdown)} [V]	R _{DS(on)} [Ω]	Power _(Universal) [W]	Package
ICE3AR10080JZ	100	800	10.0	10	–
ICE3AR4780JZ	100	800	4.7	20	–
ICE3AR2280JZ	100	800	2.2	28	–
ICE3AR0680JZ	100	800	0.6	52	–
ICE3BR2280JZ	65	800	2.2	28	–
ICE3BR0680JZ	65	800	0.6	52	–
ICE2QR4780Z	–	800	4.7	22	DIP-7
ICE2QR2280Z	–	800	2.2	31	DIP-7
ICE2QR0680Z	–	800	0.6	57	DIP-7
ICE2QR2280G	–	800	2.2	30	DSO-12

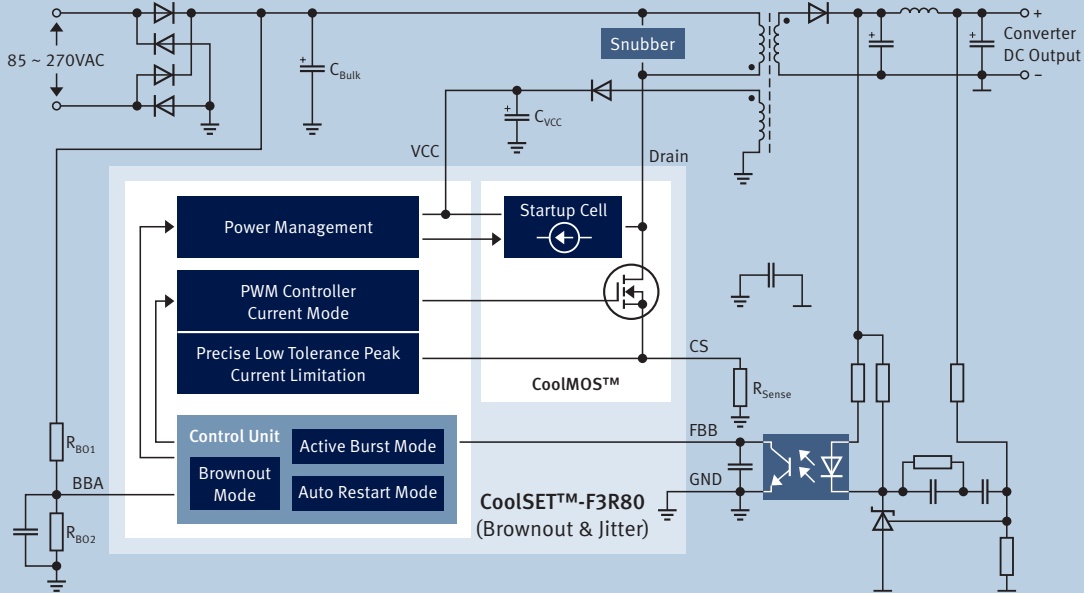
产品特点

800V 准谐振 CoolSET™

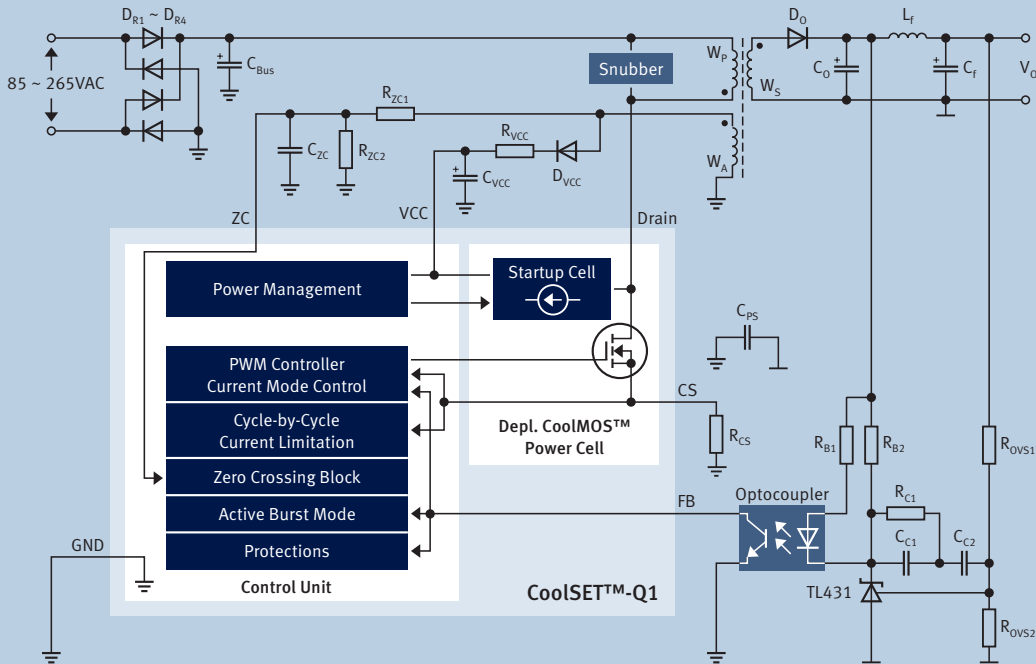
- 800V 雪崩加强 CoolMOS™
- 800V 启动单元
- 降载时的数字降频功能
- 限流点校正的逐周期电流限制
- 内置数字软启动
- 主动突发模式，可达到最低待机功率 <50mW
- 针对变压器绕组短路和输出电压过压的闭锁模式
- 无铅引线电镀
- 符合 RoHS 标准

800V CoolSET™

应用电路图 – 800V 固定频率 CoolSET™



应用电路图 – 800V 准谐振 CoolSET™



Published by
Infineon Technologies AG
85579 Neubiberg, Germany

© 2010 Infineon Technologies AG.
All Rights Reserved.

Visit us:
www.infineon.com

Order Number: B121-H9552-X-X-5D00
Date: 12 / 2010

ATTENTION PLEASE!

The information given in this document shall in no event be regarded as a guarantee of conditions or characteristics ("Beschaffenheitsgarantie"). With respect to any examples or hints given herein, any typical values stated herein and/or any information regarding the application of the device, Infineon Technologies hereby disclaims any and all warranties and liabilities of any kind, including without limitation warranties of non-infringement of intellectual property rights of any third party.

INFORMATION

For further information on technology, delivery terms and conditions and prices please contact your nearest Infineon Technologies Office (www.infineon.com).

WARNINGS

Due to technical requirements components may contain dangerous substances. For information on the types in question please contact your nearest Infineon Technologies Office. Infineon Technologies Components may only be used in life-support devices or systems with the express written approval of Infineon Technologies, if a failure of such components can reasonably be expected to cause the failure of that life-support device or system, or to affect the safety or effectiveness of that device or system. Life support devices or systems are intended to be implanted in the human body, or to support and/or maintain and sustain and/or protect human life. If they fail, it is reasonable to assume that the health of the user or other persons may be endangered.