

抑制急速停止导致的输出电压下降!

Suppresses Output Voltage Drops Due to Stop/Start Operation

车载用1ch降压DC/DC转换器

Automotive 1ch Buck DC/DC Converter

BD906xx-C Series

特点

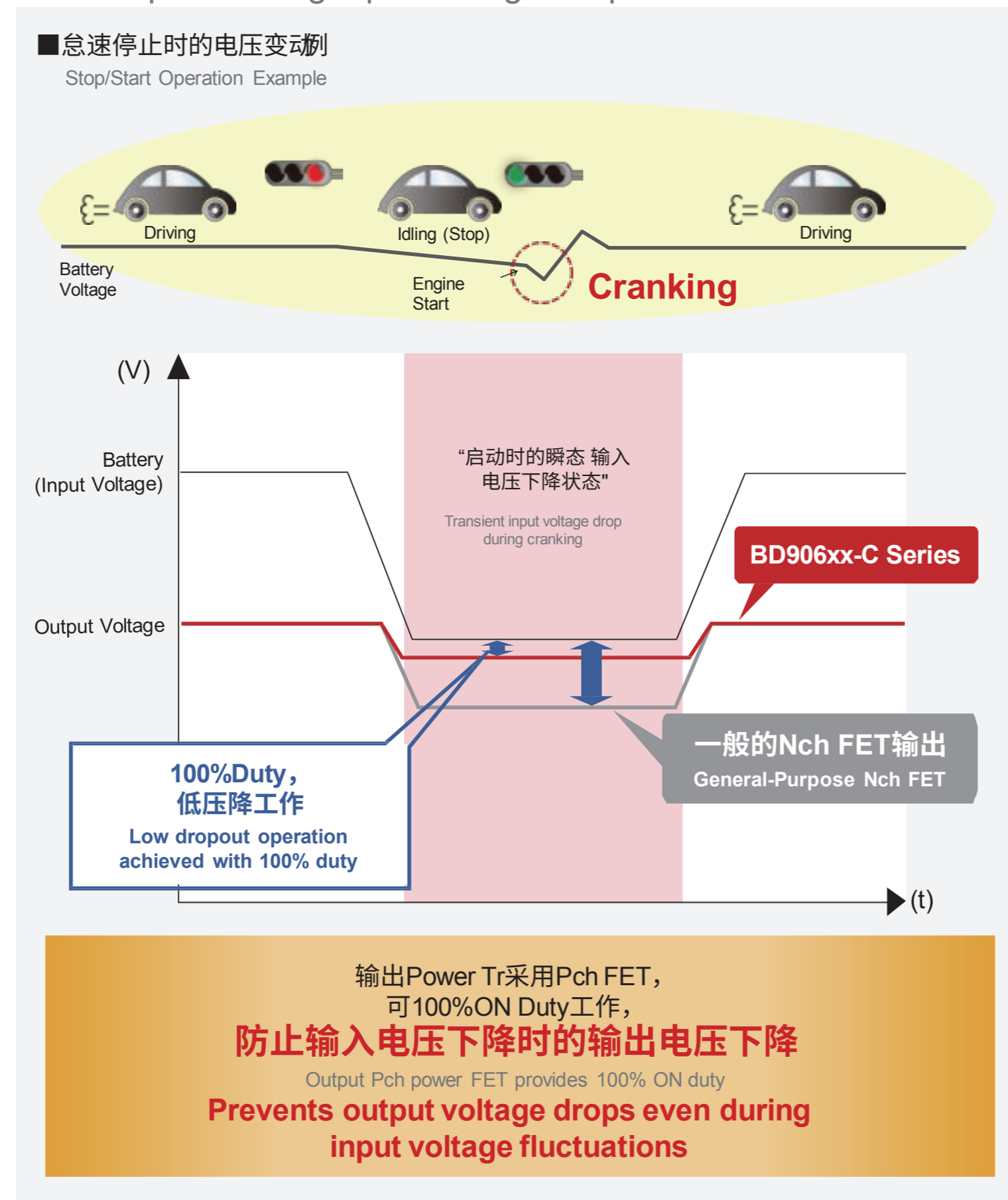
- **输入电压范围更宽 3.5V~36V (额定42V)**
Wide input voltage range: 3.5V to 36V (42V rating)
- **100%Duty工作, 压降更低**
Low dropout with 100% duty
- **可与外部时钟同步工作**
Supports synchronous operation with external clock

应用

- **车载设备**
Automotive systems
- **工业设备**
Industrial equipment
- **其他电子设备**
Other electronic devices

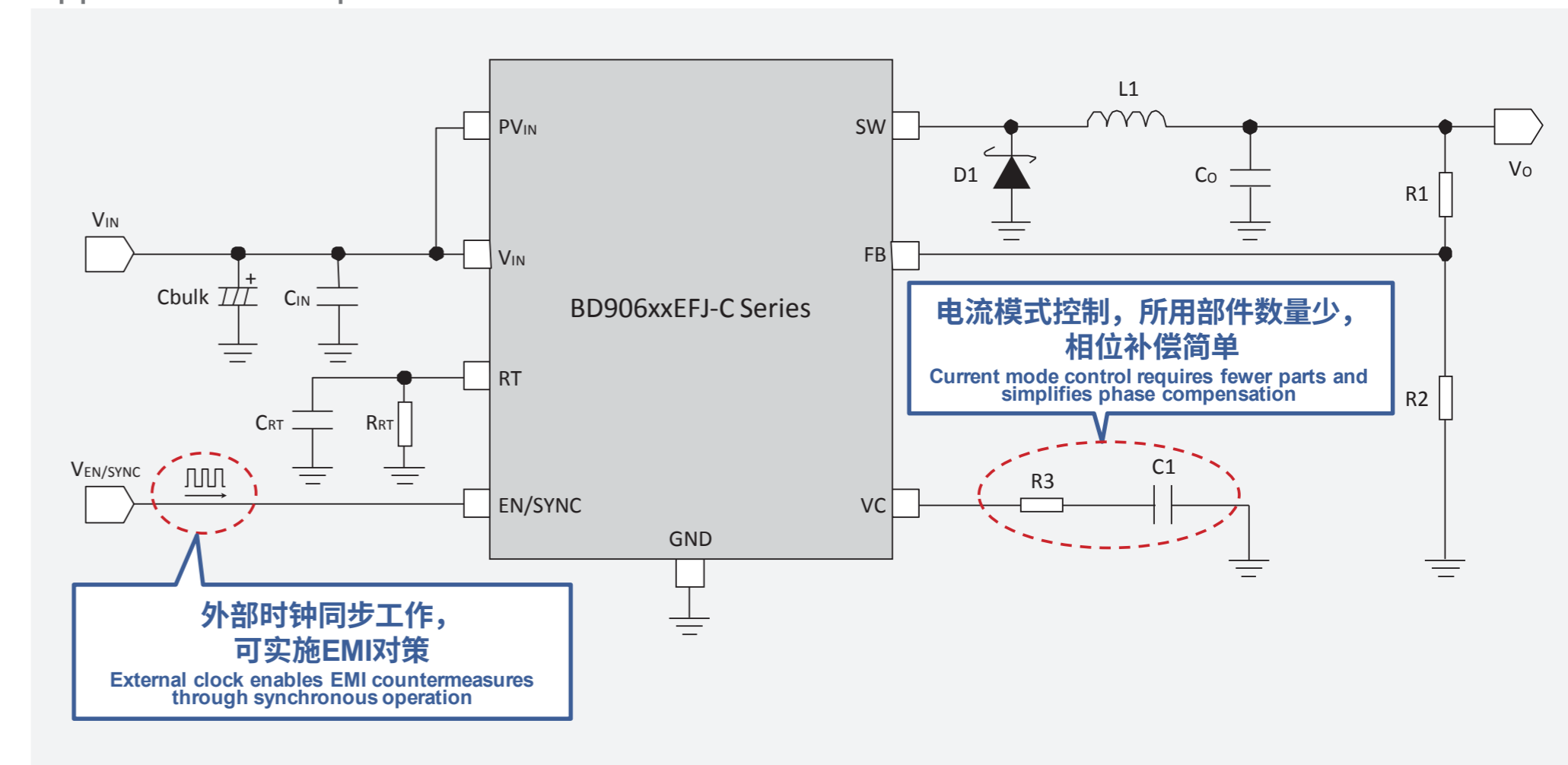
输入电压下降时的低压降动作

Low Dropout During Input Voltage Drops



应用电路例

Application Example



产品阵容

Lineup

Part No.	Output Switch Current (A)	Output Voltage (V)	Operating Temperature (°C)	Operating Frequency (kHz)	Package
BD90640EFJ-C	4.0	Variable (0.8V to VIN)	-40 to +125	50 to 600	HTSOP-J8
BD90620EFJ-C	2.5				
BD90610EFJ-C	1.25				
BD90640HFP-C	4.0				
BD90620HFP-C	2.5				HRP7