



Electronics for the Future

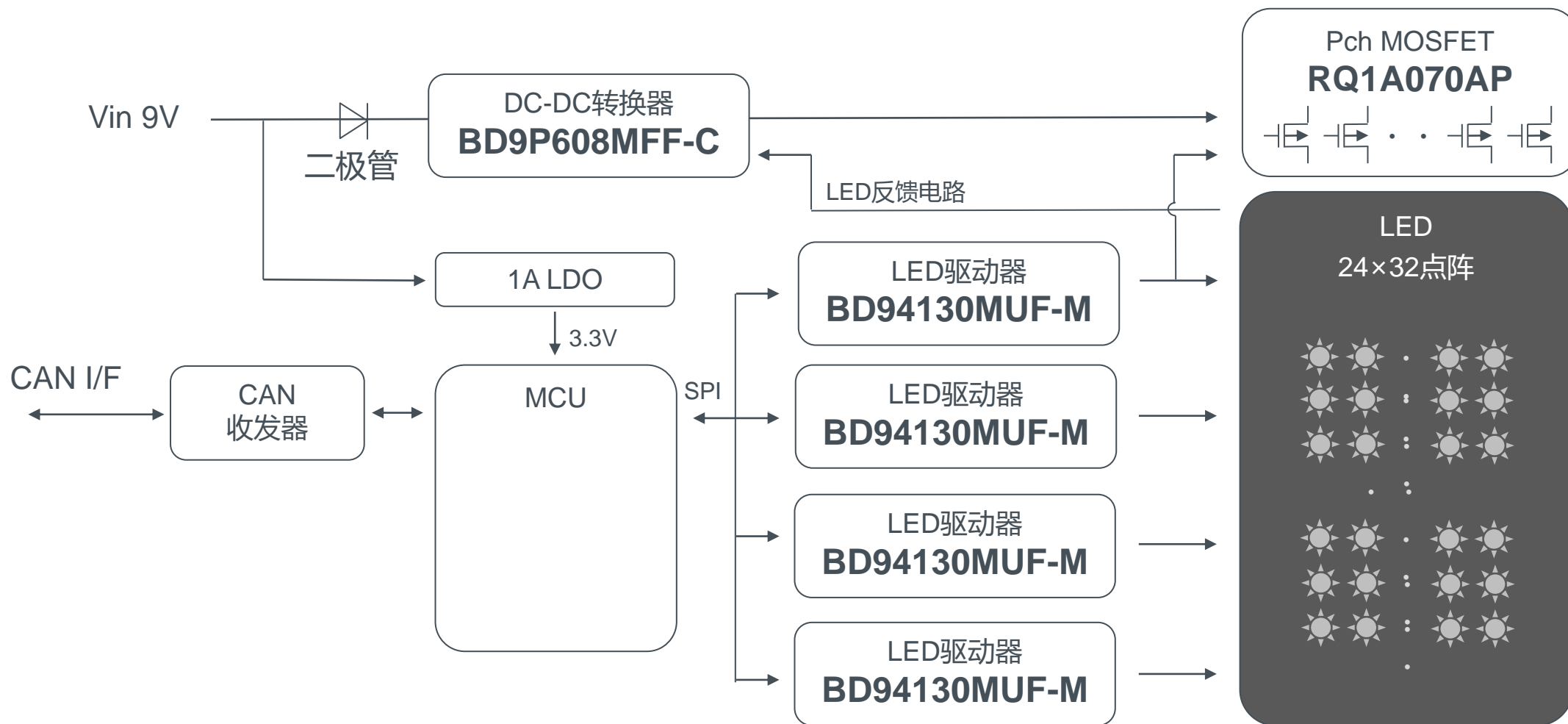
No. 66QS007C REV.002  
Jun.2024

# REF66005 –参考设计 LED背光 (直下式背光、局部调光)

Designed by



## 框图



## 简介

直下式LED背光方式可以支持高清显示，而且可以实现更高亮度、更佳对比度以及分区控光。这款演示机使用4枚具有8路开关和24通道LED驱动器的BD94130MUF-M，以24 x 32点阵来驱动LED。

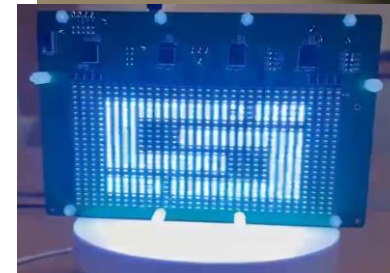
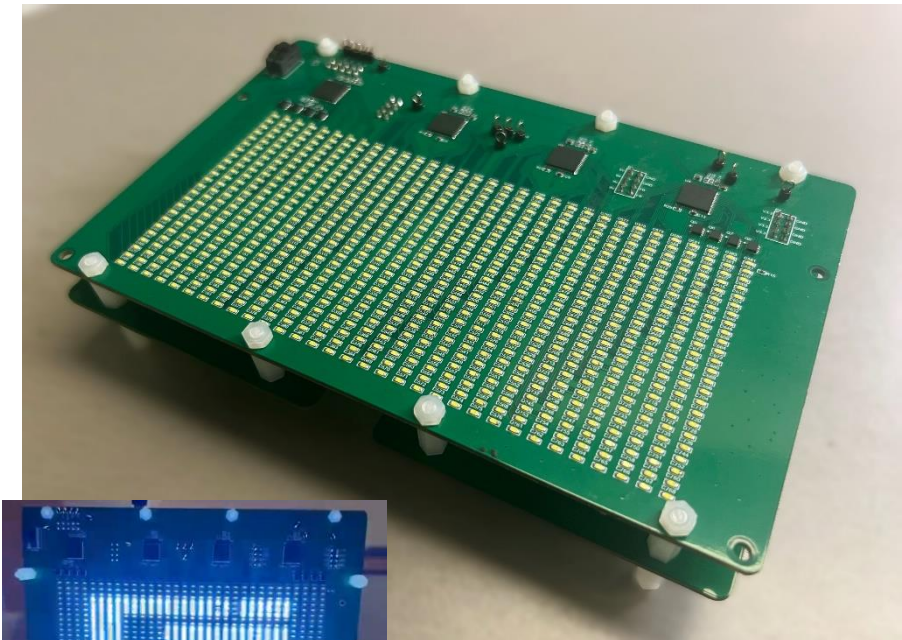
## 应用

车载LCD背光 (局部调光)

## 规格

项目	参数
等级	车载
输入电压	9V
LED配置	24pcs x 32lines点阵
电源电流	2.1A
参考板尺寸	DC-DC板 : 78mm x 110mm MCU板 : 78mm x 110mm LED板 : 172mm x 110mm

## 参考板外观



详细信息 (跳转至中国SHOCKLEY公司网站)

<http://www.shockley-elect.com/en/index.html>

## 主要搭载产品

产品型号	产品分类	特点
<a href="#">BD94130MUF-M</a>	LED驱动器	车载用, 8路开关和24通道恒流LED驱动器, 具有12bit PWM调光功能, 80mA/Ch
<a href="#">BD9P608MFF-C</a>	DC-DC转换器	车载用, 40V, 6A, Nano Pulse Control技术
<a href="#">RQ1A070AP</a>	Pch MOSFET	-12V, -7A, 1.5V驱动, TSMT8

## 相关产品

[车载 1A LDO](#)

## 相关参考设计

[LCD背光用 4通道120mA/Ch 升压LED驱动器 REFLED001\(BD81A74EFV-M\)](#)

[LCD背光用 4通道 80mA/Ch 升压LED驱动器 REFLED002\(BD83A04EFV-M\)](#)

[LCD背光用 6通道升压LED驱动器 REFLED003\(BD82A26MUF-M\)](#)

[LCD背光用 4通道 120mA/Ch 升压LED驱动器 REFLED004\(BD83A14EFV-M\)](#)



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