

# **PMP20777 Rev B**

## **28V/3A Flyback**

## **36Vdc-72Vdc Input**

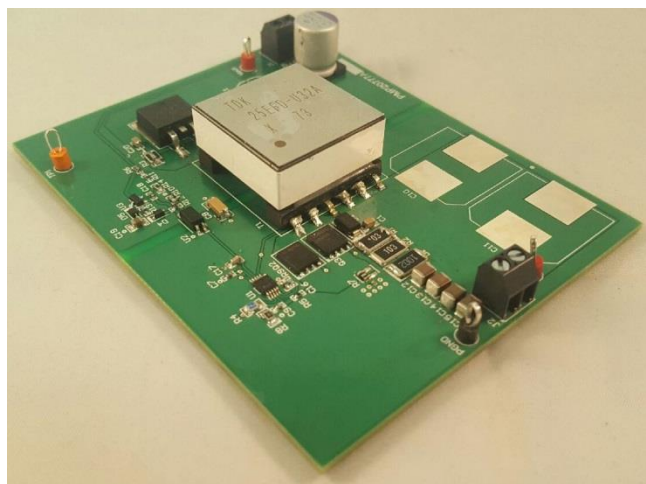
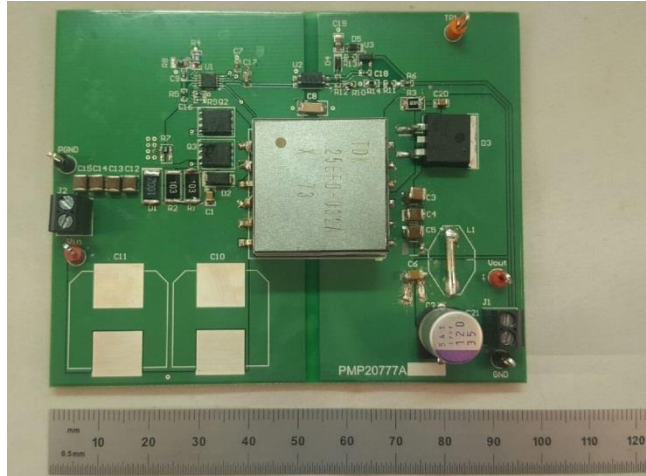
### *Test Results*

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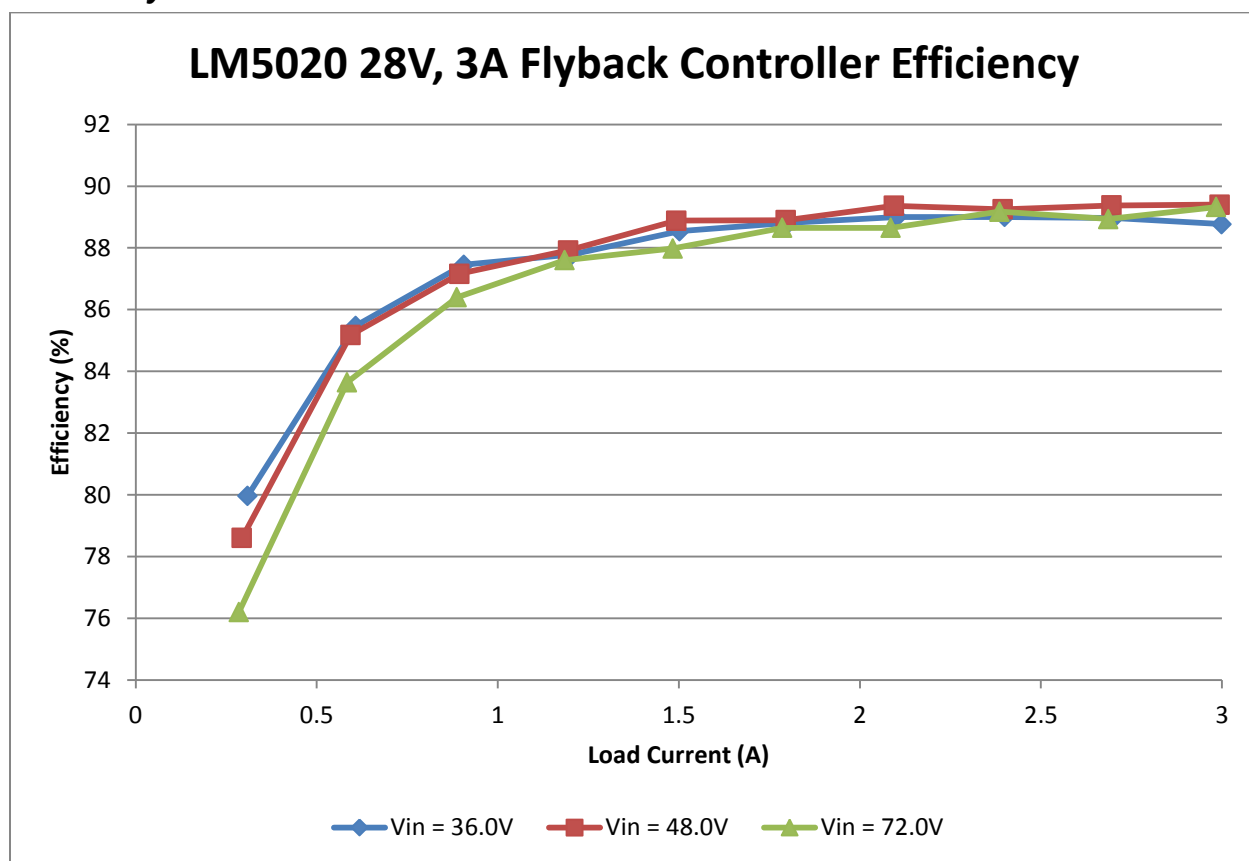
## 1 Photos

The photographs below show the PMP20777 Rev B prototype assembly. This circuit was built using PMP20777PCB Rev A.

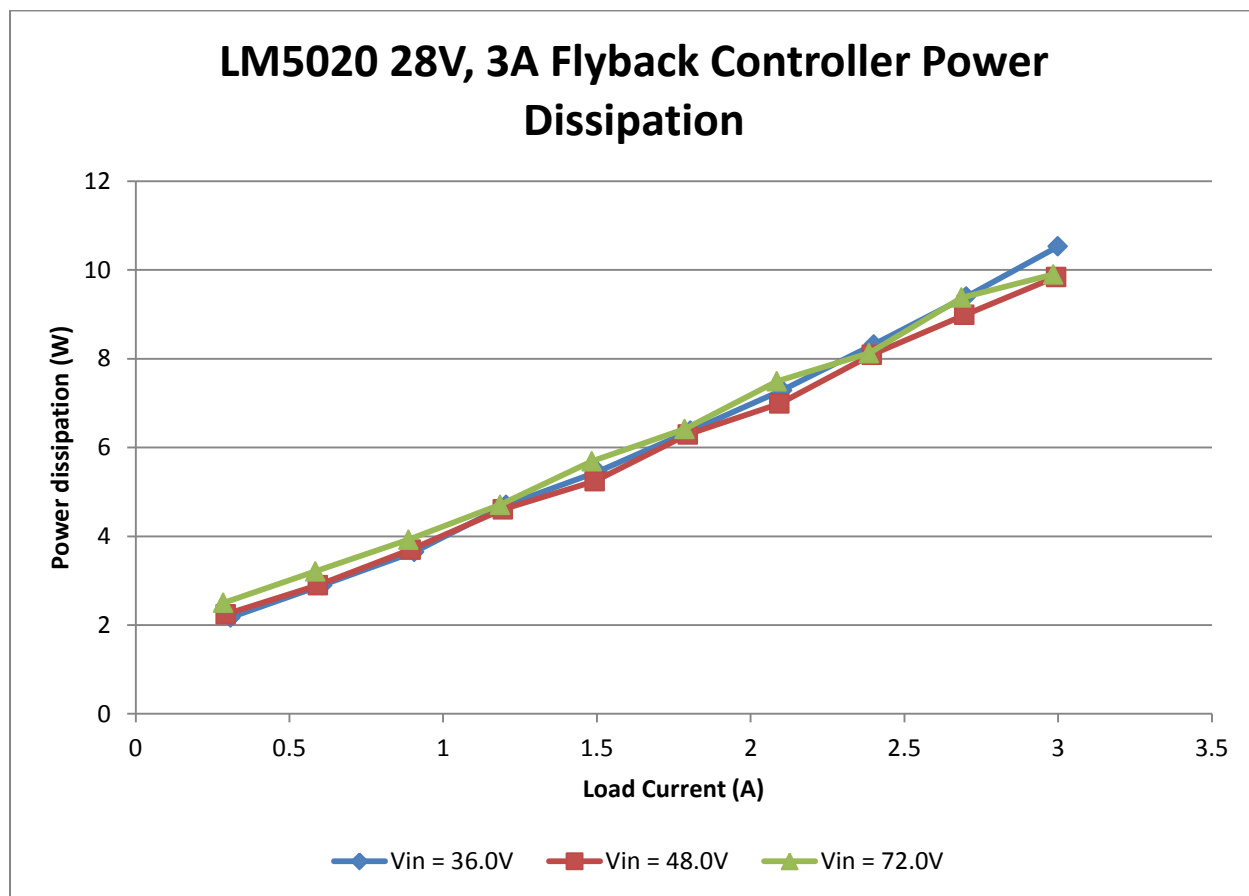


## 2 Efficiency

### 2.1 Efficiency Chart



## 2.2 Power Loss Chart



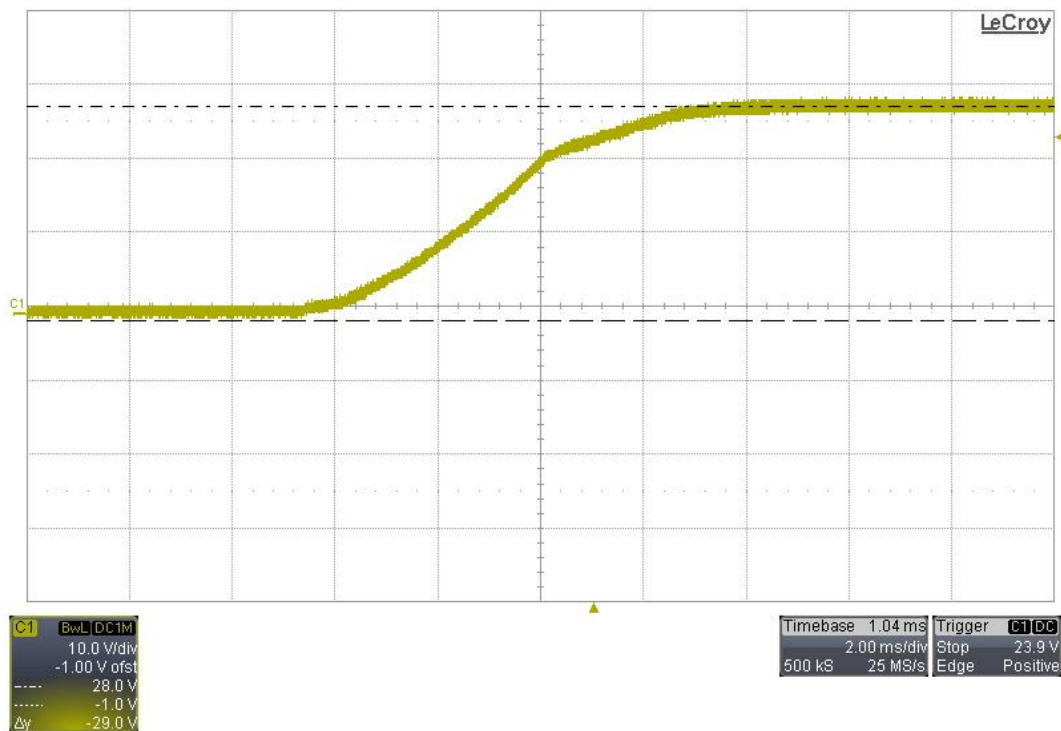
### 3 Thermal Images

Temperature measured at 48Vin, 3A load 25° C ambient Aapproximately 250 LFM forced air flow

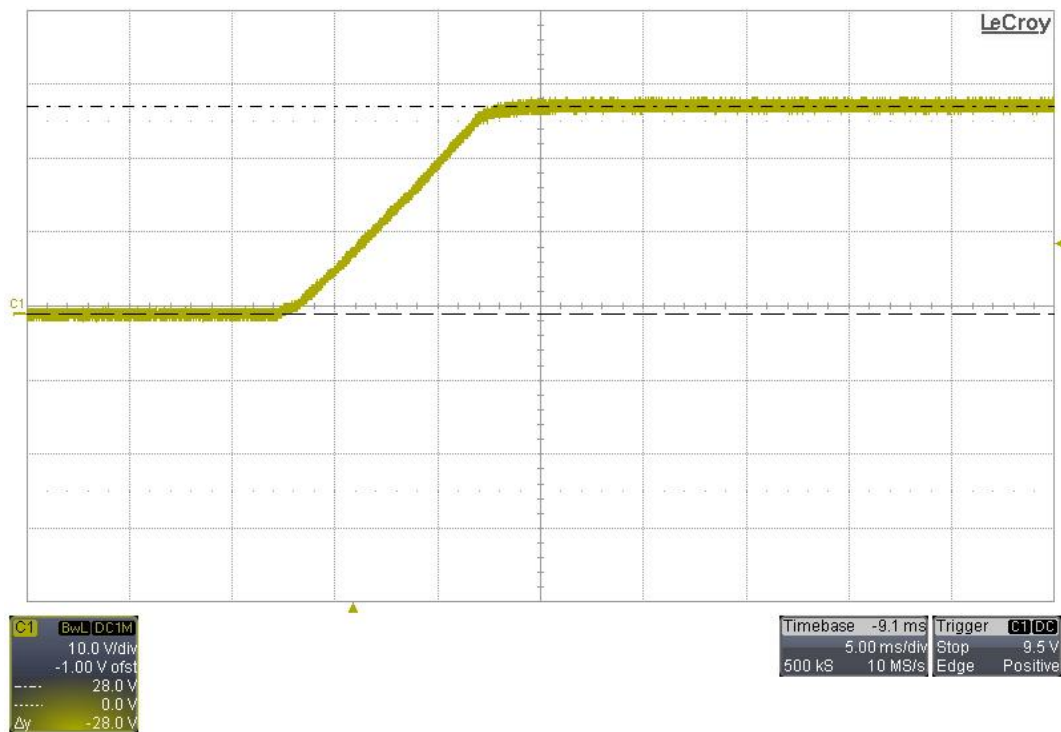


## 4 Startup

### 4.1 Startup – 48Vin, No Load

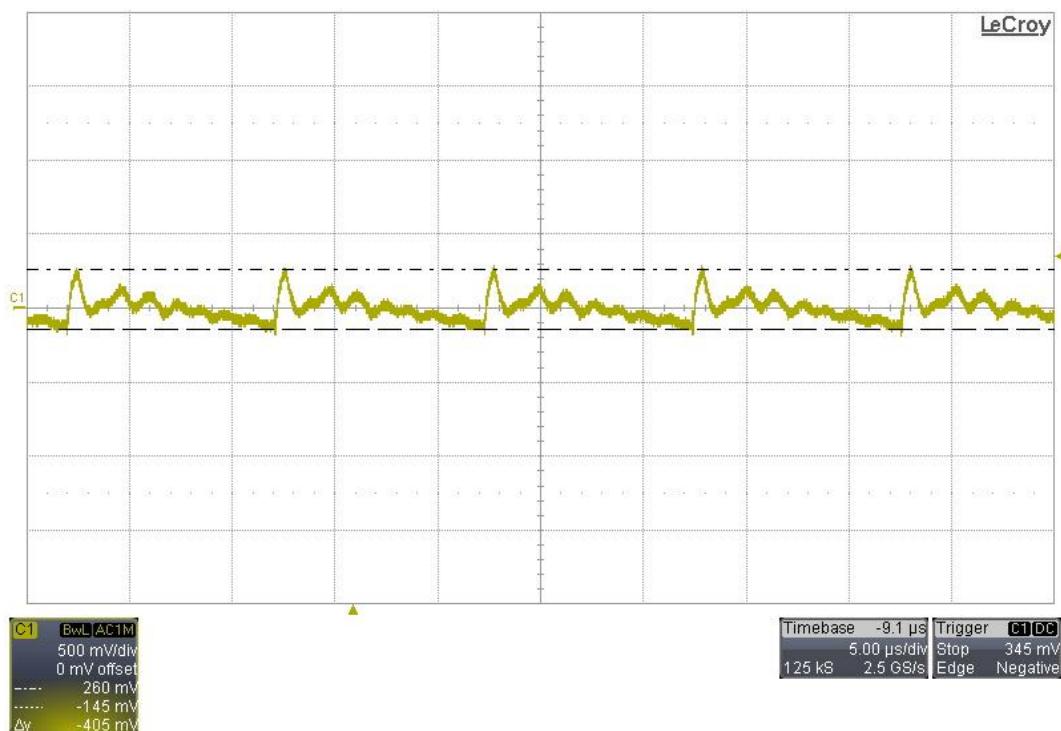


### 4.2 Startup – 48Vin, 3A Load



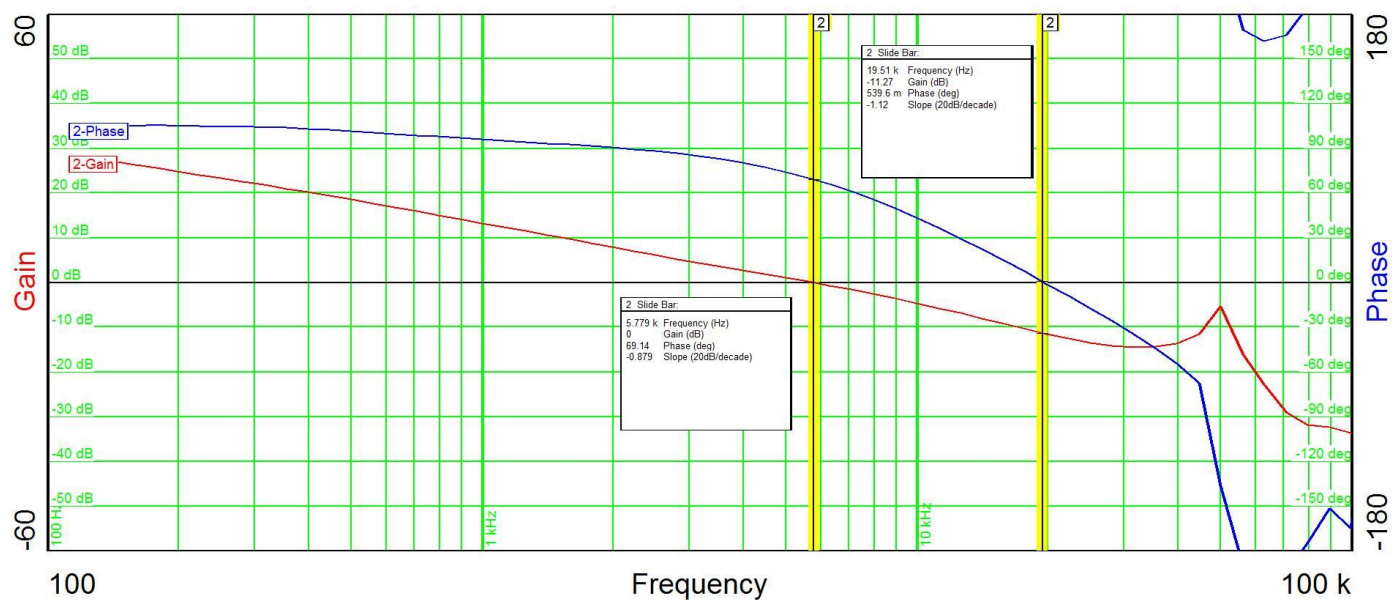
## 5 Output Ripple Voltage

### 5.1 48V Input, 3A Load



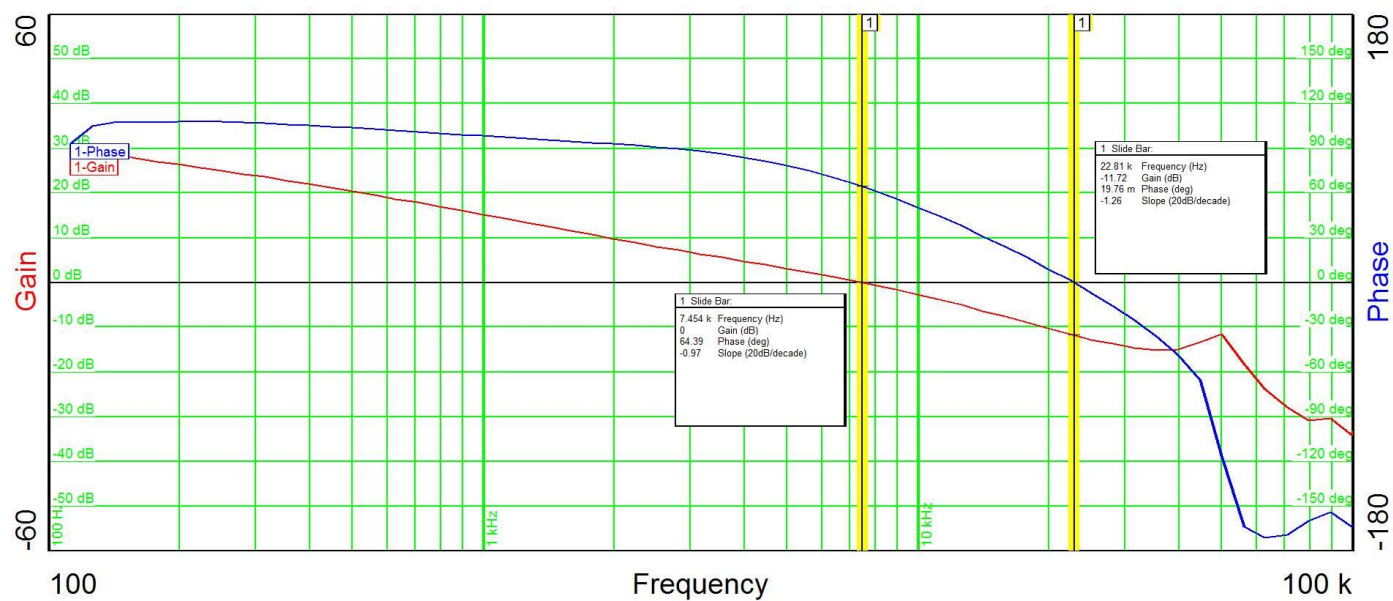
## 6 Loop Response

### 6.1 36V Input, 3A Load

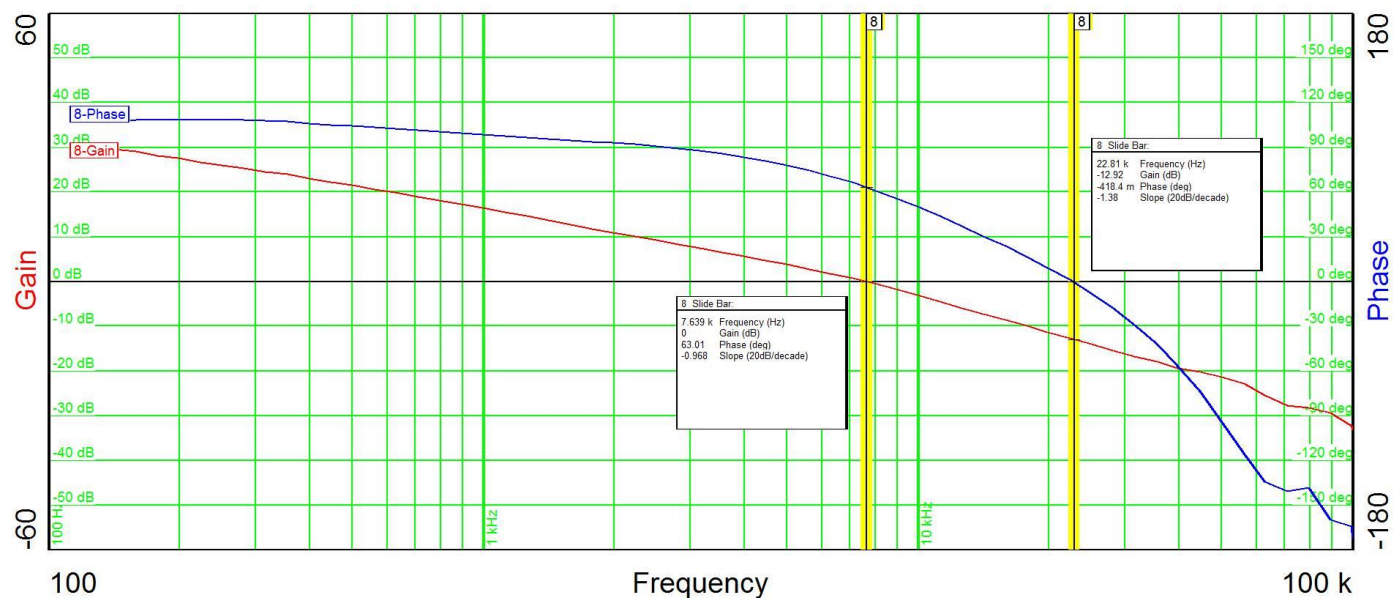




## 6.2 48V Input, 3A Load



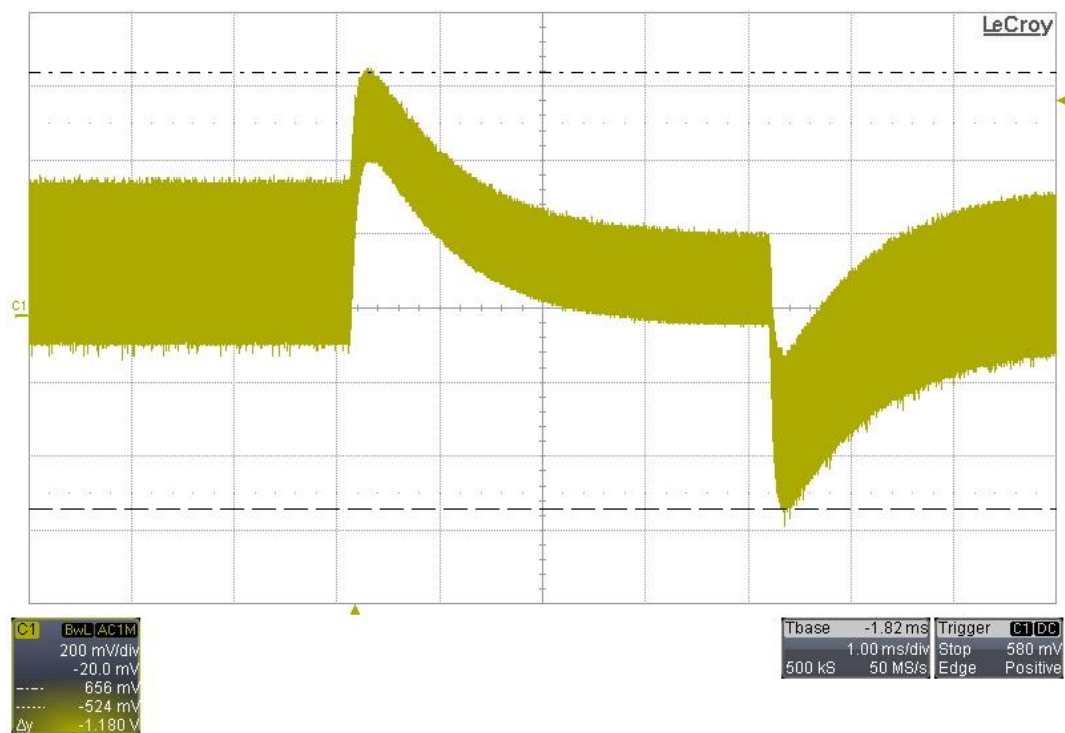
## 6.3 72V Input, 3A Load





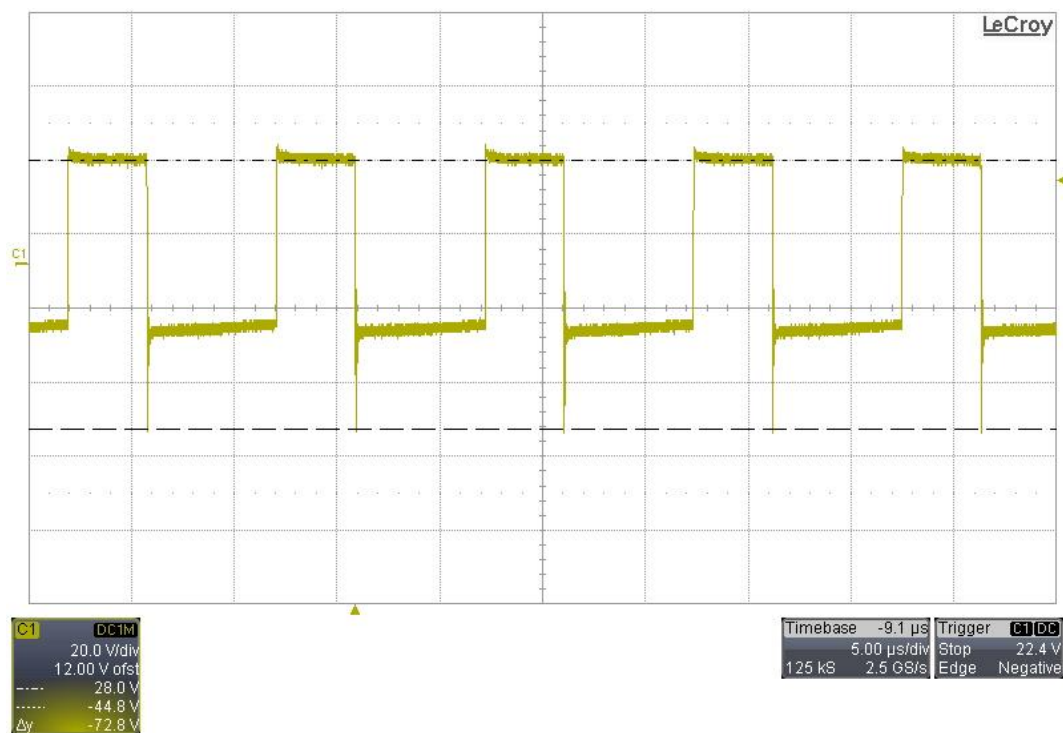
## 7 Load Transients

### 7.1 48Vin, 0.75A to 2.25A

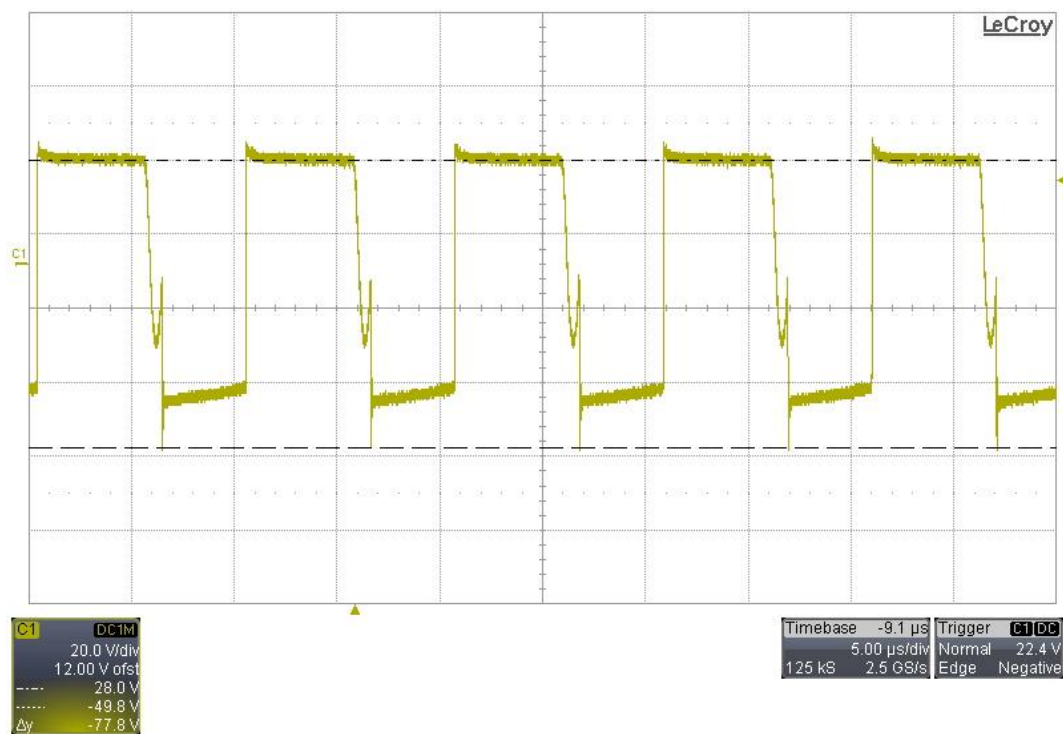


## 8 Switching Waveforms

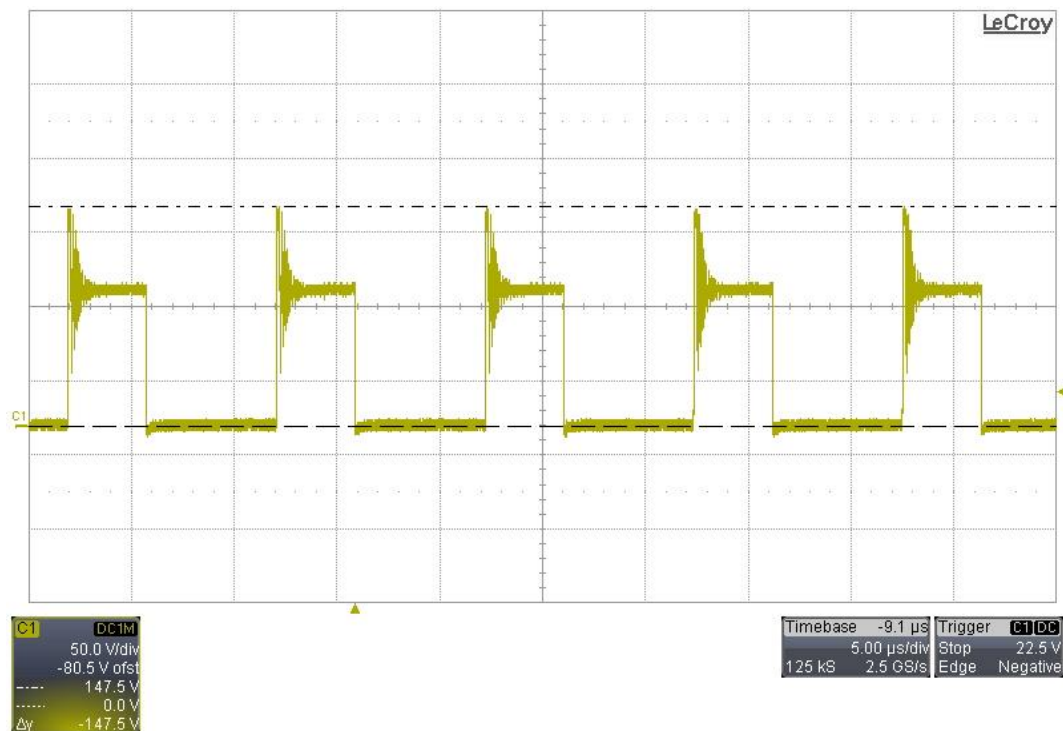
### 8.1 Secondary – 36V Input, 3A Load



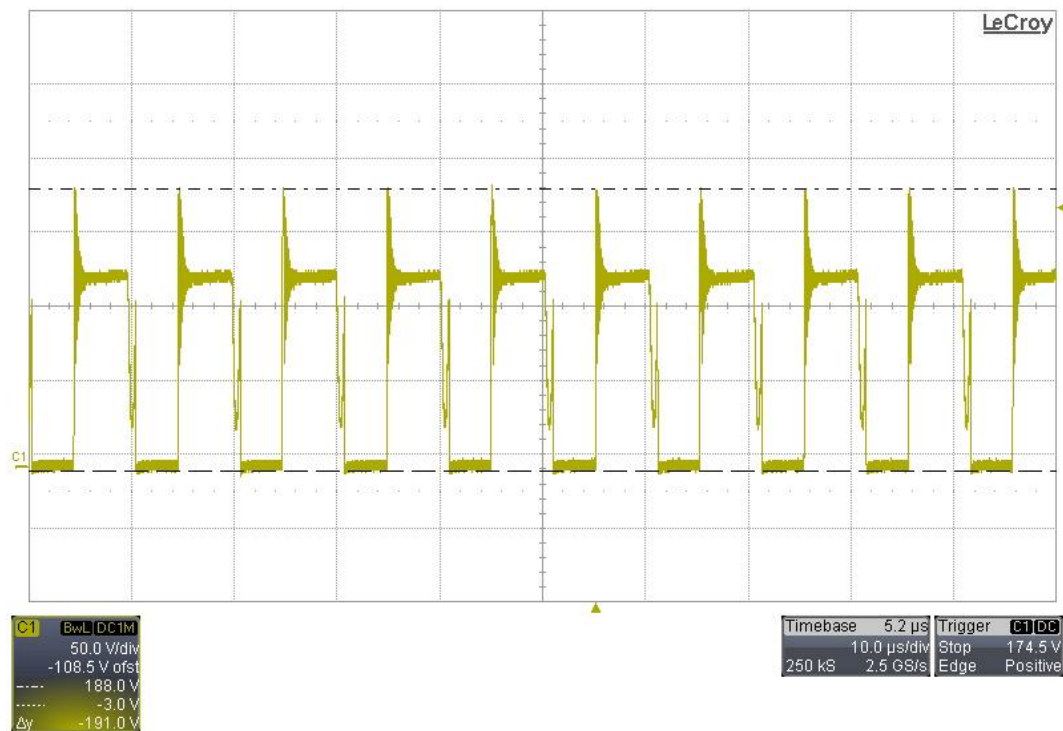
### 8.2 Secondary – 72V Input, 3A Load



### 8.3 Primary – 36V Input, 3A Load



### 8.4 Primary – 72V Input, 3A Load



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