

**Report Date** 2/15/2011

**Company** Texas Instruments

**Customer** PMP6000 snubber relocated, current sense corrected, output ceramics moved

**Address** 12500 TI BLVD, MS8710

**Site Address** 12Vin 1.0V at 50A 375 & 500kHz operation Note: channel 2 off

**Thermographer** Josh Mandelcorn  
jmandelcorn@ti.com  
214-480-6481

**Contact Person** 15+ minutes operation, 100 LFM; very little thermal difference

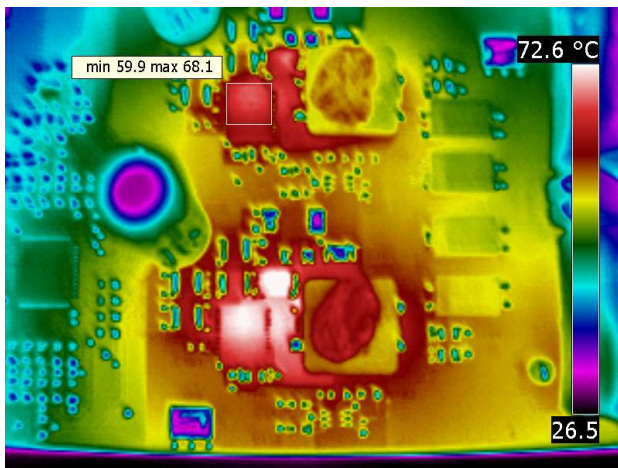


Image and Object Parameters		Text Comments
<b>Camera Model</b>	FLIR ThermaCAM EX320	
<b>Image Date</b>	2011:02:15 15:32:26	
<b>Image Name</b>	IR_0034_375kHz.jpg	
<b>Emissivity</b>	0.95	
<b>Reflected Temperature</b>	20.0 °C	
<b>Object Distance</b>	2.0 m	

Description
PMP6000 channel 1 only 12.06Vin 4.871Ain 0.993Vout at 50.08A 375kHz operation about 100LFM 9.015W on bd. R103 at 77 R107 at 69; L101 top at 66; L102 top at 60; U101 at 73; U103 at 68; ambient 23-25 degrees C; 15+ minutes operation

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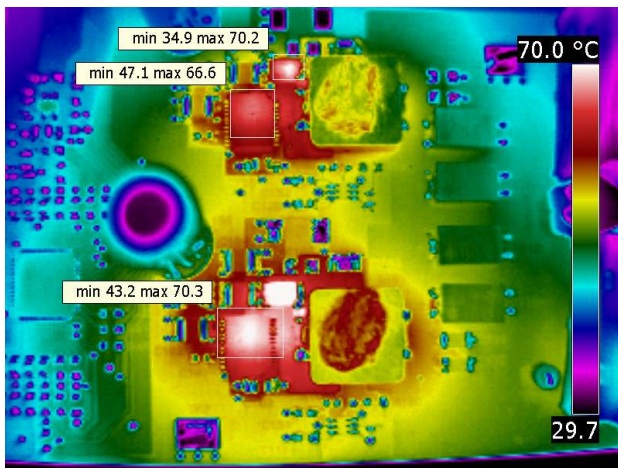
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### Image and Object Parameters

### Text Comments

<b>Camera Model</b>	FLIR ThermaCAM EX320
<b>Image Date</b>	2011:02:15 17:24:04
<b>Image Name</b>	IR_0035_500kHz.jpg
<b>Emissivity</b>	0.95
<b>Reflected Temperature</b>	20.0 °C
<b>Object Distance</b>	2.0 m

### Description

PMP6000 channel 1 only 12.04Vin 4.892Ain 0.995Vout at 50.08A 500kHz operation about 100LFM 9.070W on bd.  
R103 at 77 R107 at 70; L101 top at 62; L102 top at 60: U101 at 70; U103 at 67; ambient 23-25 degrees C; 15+ minutes operation

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