

			<b>PMP6692 REVA BOM</b>		5/2/2011	
<b>Count</b>	<b>Ref Des</b>	<b>Value</b>	<b>Description</b>	<b>Size</b>	<b>Part Number</b>	<b>MFR</b>
3	C3, C6, C9	0.1uF	Capacitor, Ceramic, 50V, X7R, 15%	603	STD	TDK
1	C8	1uF	Capacitor, Ceramic, 16V, X7R, 15%	603	STD	TDK
1	C13	47pF	Capacitor, Ceramic, 50V, NPO, 15%	603	STD	TDK
1	C7	6800pF	Capacitor, Ceramic, 50V, NPO, 15%	603	STD	TDK
1	C11	4.7uF	Capacitor, Ceramic, 10V, X5R, 15%	805	Std	TDK
1	C4	10uF	Capacitor, Ceramic, 25V, X7R, 15%	1210	C3225X7R1E106MT	TDK
1	D1	5.1V	Diode, Zener, 5.1V	SOD-123	MMSZ4689T1	On Semi
1	D2		LED, 700mA	0.276"x 0.354"	XREWHT-L1-xxxx-xxxxx	Cree
1	L1	100uH	Inductor, 2.1A, 141.8 milliohm	0.484"x 0.484"	MSS1260-104ML	Coilcraft
2	R1, R2	4.7	Resistor, Chip, 1/16W, 1%	603	STD	STD
1	R14	49.9	Resistor, Chip, 1/16W, 1%	603	STD	STD
1	R18	100	Resistor, Chip, 1/16W, 1%	603	STD	STD
1	R19	10K	Resistor, Chip, 1/16W, 1%	603	STD	STD
1	R7	15K	Resistor, Chip, 1/16W, 1%	603	STD	STD
1	R3	191K	Resistor, Chip, 1/16W, 1%	603	STD	STD
1	R11	249K	Resistor, Chip, 1/16W, 1%	603	STD	STD
1	R8	35.7K	Resistor, Chip, 1/16W, 1%	603	STD	STD
1	R12	5.49K	Resistor, Chip, 1/16W, 1%	603	STD	STD
2	R4, R9	51.1K	Resistor, Chip, 1/16W, 1%	603	STD	STD
1	R6	8.25K	Resistor, Chip, 1/16W, 1%	603	STD	STD
1	R38	0.2	Resistor, Metal Film, 1/4 watt, ± 5%	1206	Std	Std
1	U1	TPS40195RGY	IC, 4.5V to 20V Sync buck controller	QFN-16	TPS40195RGY	TI
1	U2	OPA376	IC, Precision, Op-Amp	SOT23-5	OPA376AIDBVR	TI
2	Q1, Q3	CSD16411Q3	MOSFET, NCh, 25V, 14A, 12 milliOhm	QFN3.3x3.3 mm	CSD16411Q3	TI
<b>MISC</b>						
2	J1, J2	ED555/2DS	Terminal Block, 2-pin, 6-A, 3.5mm	0.27 x 0.25"	ED555/2DS	OST
8	TP1, TP3, TP5, TP6, TP8, TP10, TP12, TP18	5000	Test Point, Red, Thru Hole Color	0.100" x 0.100"	5000	Keystone
6	TP2, TP4, TP7, TP9, TP11, TP13	5001	Test Point, Black, Thru Hole Color	0.100" x 0.100"	5001	Keystone
3	C1, C2, C12	DNP	Capacitor, Ceramic, 50V, NPO, 15%	603	STD	TDK
1	C15	DNP	Capacitor, Alum, 35V, 20%	0.260" x 0.276"		Panasonic
1	R17	DNP	Resistor, Chip, 1/16W, 1%	805	Std	Std
3	R13, R20, R21	DNP	Resistor, Chip, 1/16W, 1%	603	STD	STD

## IMPORTANT NOTICE

Texas Instruments Incorporated and its subsidiaries (TI) reserve the right to make corrections, modifications, enhancements, improvements, and other changes to its products and services at any time and to discontinue any product or service without notice. Customers should obtain the latest relevant information before placing orders and should verify that such information is current and complete. All products are sold subject to TI's terms and conditions of sale supplied at the time of order acknowledgment.

TI warrants performance of its hardware products to the specifications applicable at the time of sale in accordance with TI's standard warranty. Testing and other quality control techniques are used to the extent TI deems necessary to support this warranty. Except where mandated by government requirements, testing of all parameters of each product is not necessarily performed.

TI assumes no liability for applications assistance or customer product design. Customers are responsible for their products and applications using TI components. To minimize the risks associated with customer products and applications, customers should provide adequate design and operating safeguards.

TI does not warrant or represent that any license, either express or implied, is granted under any TI patent right, copyright, mask work right, or other TI intellectual property right relating to any combination, machine, or process in which TI products or services are used. Information published by TI regarding third-party products or services does not constitute a license from TI to use such products or services or a warranty or endorsement thereof. Use of such information may require a license from a third party under the patents or other intellectual property of the third party, or a license from TI under the patents or other intellectual property of TI.

Reproduction of TI information in TI data books or data sheets is permissible only if reproduction is without alteration and is accompanied by all associated warranties, conditions, limitations, and notices. Reproduction of this information with alteration is an unfair and deceptive business practice. TI is not responsible or liable for such altered documentation. Information of third parties may be subject to additional restrictions.

Resale of TI products or services with statements different from or beyond the parameters stated by TI for that product or service voids all express and any implied warranties for the associated TI product or service and is an unfair and deceptive business practice. TI is not responsible or liable for any such statements.

TI products are not authorized for use in safety-critical applications (such as life support) where a failure of the TI product would reasonably be expected to cause severe personal injury or death, unless officers of the parties have executed an agreement specifically governing such use. Buyers represent that they have all necessary expertise in the safety and regulatory ramifications of their applications, and acknowledge and agree that they are solely responsible for all legal, regulatory and safety-related requirements concerning their products and any use of TI products in such safety-critical applications, notwithstanding any applications-related information or support that may be provided by TI. Further, Buyers must fully indemnify TI and its representatives against any damages arising out of the use of TI products in such safety-critical applications.

TI products are neither designed nor intended for use in military/aerospace applications or environments unless the TI products are specifically designated by TI as military-grade or "enhanced plastic." Only products designated by TI as military-grade meet military specifications. Buyers acknowledge and agree that any such use of TI products which TI has not designated as military-grade is solely at the Buyer's risk, and that they are solely responsible for compliance with all legal and regulatory requirements in connection with such use.

TI products are neither designed nor intended for use in automotive applications or environments unless the specific TI products are designated by TI as compliant with ISO/TS 16949 requirements. Buyers acknowledge and agree that, if they use any non-designated products in automotive applications, TI will not be responsible for any failure to meet such requirements.

Following are URLs where you can obtain information on other Texas Instruments products and application solutions:

### Products

Audio	<a href="http://www.ti.com/audio">www.ti.com/audio</a>
Amplifiers	<a href="http://amplifier.ti.com">amplifier.ti.com</a>
Data Converters	<a href="http://dataconverter.ti.com">dataconverter.ti.com</a>
DLP® Products	<a href="http://www.dlp.com">www.dlp.com</a>
DSP	<a href="http://dsp.ti.com">dsp.ti.com</a>
Clocks and Timers	<a href="http://www.ti.com/clocks">www.ti.com/clocks</a>
Interface	<a href="http://interface.ti.com">interface.ti.com</a>
Logic	<a href="http://logic.ti.com">logic.ti.com</a>
Power Mgmt	<a href="http://power.ti.com">power.ti.com</a>
Microcontrollers	<a href="http://microcontroller.ti.com">microcontroller.ti.com</a>
RFID	<a href="http://www.ti-rfid.com">www.ti-rfid.com</a>
RF/IF and ZigBee® Solutions	<a href="http://www.ti.com/lprf">www.ti.com/lprf</a>

### Applications

Communications and Telecom	<a href="http://www.ti.com/communications">www.ti.com/communications</a>
Computers and Peripherals	<a href="http://www.ti.com/computers">www.ti.com/computers</a>
Consumer Electronics	<a href="http://www.ti.com/consumer-apps">www.ti.com/consumer-apps</a>
Energy and Lighting	<a href="http://www.ti.com/energy">www.ti.com/energy</a>
Industrial	<a href="http://www.ti.com/industrial">www.ti.com/industrial</a>
Medical	<a href="http://www.ti.com/medical">www.ti.com/medical</a>
Security	<a href="http://www.ti.com/security">www.ti.com/security</a>
Space, Avionics and Defense	<a href="http://www.ti.com/space-avionics-defense">www.ti.com/space-avionics-defense</a>
Transportation and Automotive	<a href="http://www.ti.com/automotive">www.ti.com/automotive</a>
Video and Imaging	<a href="http://www.ti.com/video">www.ti.com/video</a>
Wireless	<a href="http://www.ti.com/wireless-apps">www.ti.com/wireless-apps</a>

TI E2E Community Home Page

[e2e.ti.com](http://e2e.ti.com)

Mailing Address: Texas Instruments, Post Office Box 655303, Dallas, Texas 75265  
Copyright © 2011, Texas Instruments Incorporated