

PMP841_REVA 3.3V & 5V SUPPLY 04/20/04						
Count	RefDes	Value	Part Number	Description	MFR	Size
1	C11	0.022uF	Std	Capacitor, Ceramic, 0.015uF, 50V, X7R, 10%	Std	603
2	C7, C13	0.1uF	Std	Capacitor, Ceramic, 0.1uF, 25V, X7R, 10%	Std	603
2	C1, C2	100uF	EEU-FC1J101	Capacitor, Aluminum, 100uF, 63V, 20% (FC Series)	Panasonic	0.400"
1	C10	10uF	C2012X5R0J106K	Capacitor, Ceramic, 10uF, 6.3V, X5R, 10%	TDK	805
1	C12	470pF	Std	Capacitor, Ceramic, 470pF, 50V, C0G, 5%	Std	603
1	C15	1uF	Std	Capacitor, Ceramic, 1uF, 16V, X7R, 10%	Std	805
1	C16	15pF	Std	Capacitor, Ceramic, 15pF, 50V, C0G, 5%	Std	603
2	C3, C14	0.1uF	C3216X7R2A104K	Capacitor, Ceramic, 100uF, 100V, X7R, 10%	TDK	1206
1	C4	100pF	Std	Capacitor, Ceramic, 100pF, 50V, C0G, 5%	Std	603
2	C5, C6	0.47uF	C3225X7R2A474KT	Capacitor, Ceramic, 0.47uF, 100V, X7R, 10%	TDK	1210
2	C8, C17	1000pF	Std	Capacitor, Ceramic, 1000pF, 50V, X7R, 10%	Std	603
1	C9	470uF	EEV-FK0J471P	Capacitor, Aluminum, SM, 470uF, 6.3V, 160-milliohms (FK series)	Panasonic	8x10mm
2	D1, D2	HD01	HD01	Bridge Rectifier, 100V, 0.8A, Glass Passivated, SMD		MINI DIP4
1	D3	1SMB54A	1SMB54AT3	Diode, TVS, 54V, 600W	On Semi	SMB
1	D4	MMDL914T1	MMDL914T1	Diode, Switching, 100V, 200mA, 200mW,	OnSemi	SOD-323
2	J1, J2	520252	520252	Connector, Jack, Modular, 8 POS	AMP	0.705 x 0.820
1	J3	PTC36SAAN	PTC36SAAN	Header, 2-pin, 100mil spacing, (36-pin strip)	Sullins	0.100 x 2
1	J4	RAPC 712	RAPC 712	Connector, Pin dia.2.5mm, DC Jack,	Switchcraft	0.57 x 0.35
1	L1	33uH	CDRH127/LD-330	Inductor, SMT, 33uH, 3.9A, 41-milliohm	Sumida	0.472 sq
1	Q1	Si9407AEY	Si9407AEY	MOSFET, P-ch, 60V, 3.5A, 120 milliohms	Vishay	SO-8
1	Q2	Si4850EY	Si4850EY	MOSFET, N-ch, 60V, 8.5A, 22 milliohms	Vishay	SO-8
1	Q3	OPEN	{Part Number}	MOSFET, P-ch, vv-V, yy-A, ww-W	{MFR}	DPAK
1	Q4	OPEN	{Part Number}	MOSFET, N-ch, xx-V, yy-mA, zz-milliohms	{Mfr}	DPAK
1	R1	24.9K	Std	Resistor, Chip, 24.9K Ohms, 1/16W, 1%	Std	603
1	R10	95.3K	Std	Resistor, Chip, 95.3K Ohms, 1/16W, 1%	Std	603
1	R11	255K	Std	Resistor, Chip, 255K Ohms, 1/16W, 1%	Std	603
1	R12	1K	Std	Resistor, Chip, 1.00K Ohms, 1/16W, 1%	Std	603
1	R13	49.9K	Std	Resistor, Chip, 49.9K Ohms, 1/16W, 1%	Std	603
1	R14	36.5K	Std	Resistor, Chip, 36.5K Ohms, 1/16W, 1%	Std	603
1	R15	51.1	Std	Resistor, Chip, 51.1 Ohm, 1/16W, 1%	Std	603
1	R2	86.6K	Std	Resistor, Chip, 86.6K Ohms, 1/16W, 1%	Std	603
1	R3	549	Std	Resistor, Chip, 549 Ohms, 1/10W, 1%	Std	805
1	R4	69.8K	Std	Resistor, Chip, 69.8K Ohms, 1/16W, 1%	Std	603
1	R5	487K	Std	Resistor, Chip, 487K Ohms, 1/16W, 1%	Std	603
1	R6	549K	Std	Resistor, Chip, 549K Ohms, 1/16W, 1%	Std	603
1	R7	2.2	Std	Resistor, Chip, 2.2 Ohms, 1/10W, 5%	Std	805
1	R8	4.7	Std	Resistor, Chip, 4.7 Ohms, 1/10W, 5%	Std	805
1	R9	13.3K	Std	Resistor, Chip, 13.3K Ohms, 1/16W, 1%	Std	603
1	T1	H2019	H2019	Xfmr, Center-tapped, Voice Over IP	Pulse	0.500 x 0.370
2	TP2, TP3	RED	5000	Test Point, Red, 0.100 Centers"	Keystone	0.100"

1	TP5	BLACK	5001	Test Point, Black, 0.100 Centers"	Keystone	0.100"
1	U1	TPS2375PW	TPS2375PW	IC, Hot SwapSwitch for PoE Power Devices	TI	TSSOP8-PW
1	U2	TPS40061PWP	TPS40061PWP	IC, Wide Input Synchronuos Buck Controller, 10-55 V Input	Texas Instruments	PWP16

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 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.

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.

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

Products		Applications	
Amplifiers	amplifier.ti.com	Audio	www.ti.com/audio
Data Converters	dataconverter.ti.com	Automotive	www.ti.com/automotive
DSP	dsp.ti.com	Broadband	www.ti.com/broadband
Interface	interface.ti.com	Digital Control	www.ti.com/digitalcontrol
Logic	logic.ti.com	Military	www.ti.com/military
Power Mgmt	power.ti.com	Optical Networking	www.ti.com/opticalnetwork
Microcontrollers	microcontroller.ti.com	Security	www.ti.com/security
		Telephony	www.ti.com/telephony
		Video & Imaging	www.ti.com/video
		Wireless	www.ti.com/wireless

Mailing Address: Texas Instruments
Post Office Box 655303 Dallas, Texas 75265

Copyright © 2004, Texas Instruments Incorporated