



Optional

C67xx Design 1

Vin = 3.3V

CVDD = 1.26V @ 800mA (TPS79601)

DVDD = 3.3V @ 1000mA (TPS2034)

Title		Rev	
Size	Number	PR372	
B			
Date	08/24/04	Drawn by	
Filename	pr372.sch	Sheet	of

Filename: PR372_bom.xls					
Date: 08/23/2004					
<b>PR372 BOM</b>					
<b>COUNT</b>	<b>RefDes</b>	<b>Description</b>	<b>Size</b>	<b>MFR</b>	<b>Part Number</b>
3	C1, C7, C8	Capacitor, Ceramic, 0.1-uF, 25-V, X7R, 10%	603	muRata	GRM188R71E104KA01
2	C2, C6	Capacitor, Ceramic, 22-uF, 6.3-V, X5R, 10%	805	muRata	GRM21BR60J226ME39L
2	C3, C4	Capacitor, Ceramic, 10-uF, 6.3-V, X5R, 10%	805	muRata	GRM21BR60J106KE01
1	C5	Capacitor, Ceramic, 270-pF, 50-V, X7R, 10%	603	muRata	GRM188R71H271KD01
0	C9	Capacitor, Aluminum, SM, 220-uF, 6.3-V	0.670 x 0.750	Panasonic	EEVFK0J221
2	R1, R5	Resistor, Chip, 10.0k-Ohms, 1/16-W, 1%	603	Std	Std
1	R2	Resistor, Chip, 30.1k-Ohms, 1/16-W, 1%	603	Std	Std
1	R3	Resistor, Chip, 866-Ohms, 1/16-W, 1%	603	Std	Std
1	R4	Resistor, Chip, 1.0k-Ohms, 1/16-W, 1%	603	Std	Std
1	S1	Switch, 1P2T, Slide, PC-mount, 200-mA	0.46 x 0.16	E_Switch	EG1218
1	U1	IC, 3-Pin Supply Voltage Supervisor	SOT23	TI	TPS3809K33
1	U2	IC, Ultra Low-Noise, High PSRR, Fast RF, Adj-V, 1.5A LDO Linear Regulator	DDPAK-5	TI	TPS79601KTT
1	U3	IC, Power Distribution Switch, 33-milliohm	SO8	TI	TPS2034D
1	U4	IC, Low Quiescent Current Programmable, 3.3-V, Delay Time 1ms to10s	SOT23-6	TI	TPS3808G33

## 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:

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

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