

Filename: PR226E-2_bom.xls					
Date: 02/09/2004					
PR226E-2 BOM					
COUNT	RefDes	DESCRIPTION	SIZE	MFR	PART NUMBER
4	C1, C2, C14, C15	Capacitor, Ceramic, 22uF, 16V, X5R, 20%	1812	TDK	C4532X5R1C226MT
2	C12, C24	Capacitor, Ceramic, 47uF, 6.3V, X5R, 20%	1812	TDK	C4532X5R0J47MT
2	C13, C25	Capacitor, POSCAP, 470-uF, 4-V, 10-milliohm, 20%	7343 (D)	Sanyo	4TPD470M
10	C26, C27, C28, C29, C30, C31, C32, C33, C34, C35	Capacitor, Ceramic, 2.2-uF, 6.3-V, X5R, 10%	805	muRata	GRM21BR60J225KC01
2	C3, C16	Capacitor, Ceramic, 5600-pF, 50-V, X7R, 10%	805	Vishay	VJ0805Y562KXAAT
2	C4, C17	Capacitor, Ceramic, 470-pF, 50-V, X7R, 10%	805	Vishay	VJ0805Y471KXAAT
4	C5, C11, C18, C23	Capacitor, Ceramic, 4700-pF, 50-V, X7R, 10%	805	Vishay	VJ0805Y472KXAAT
1	C6	Capacitor, Ceramic, 0.068-uF, 50-V, X7R, 10%	805	Vishay	VJ0805Y683KXAAT
6	C7, C9, C10, C19, C21, C22	Capacitor, Ceramic, 0.1-uF, 25-V, X7R, 10%	805	Vishay	VJ0805Y104KXXAT
2	C8, C20	Capacitor, Ceramic, 1-uF, 16-V, X5R, 10%	805	TDK	C2012X5R1C105KT
2	L1, L2	Inductor, SMT, 1.7-uH, 22.3-A, 1.8-milliohms	0.512 X 0.512	Coiltronics	HC1-1R7
2	Q1, Q3	Mosfet, N-Ch, Vds 30V, Rds 6 miliohms, Id 30A	LFPAK	Hitachi	HAT2168H
2	Q2, Q4	Mosfet, N-Ch, Vds 30V, Rds 4.2 miliohms, Id 40A	LFPAK	Hitachi	HAT2167H
2	R1, R12	Resistor, Chip, 16.2k-Ohms, 1/10-W, 1%	805	Std	Std
2	R10, R20	Resistor, Chip, 165k-Ohms, 1/10-W, 1%	805	Std	Std
1	R17	Resistor, Chip, 2.32k-Ohms, 1/10-W, 1%	805	Std	Std
2	R2, R13	Resistor, Chip, 71.5k-Ohms, 1/10-W, 1%	805	Std	Std
4	R23, R24, R25, R26	Resistor, Chip, xx-Ohms, 1/16-W, yy%	603	Std	Std
2	R3, R21	Resistor, Chip, 10k-Ohms, 1/10-W, 1%	805	Std	Std
2	R4, R15	Resistor, Chip, 226-Ohms, 1/10-W, 1%	805	Std	Std
2	R5, R16	Resistor, Chip, 8.66k-Ohms, 1/10-W, 1%	805	Std	Std
1	R6	Resistor, Chip, 7.5k-Ohms, 1/10-W, 1%	805	Std	Std
6	R7, R9, R11, R14, R18, R22	Resistor, Chip, 0-Ohms, 1/10-W, 1%	805	Std	Std
2	R8, R19	Resistor, Chip, 3.3-Ohms, 1/10-W, 5%	805	Std	Std
2	U1, U2	IC, Wide Input Synchronous Buck Controller, 10-40 V Input	PWP16	TI	TPS40051PWP
1	U3	IC, Utralow-Noise, High PSRR, Fast RF 250 mA, LDO Linear Regulators, 2.5-V	MSOP-8	TI	TPS79425DGN
2	U4, U5	IC, LDO Linear Regulator Ultralow-Noise High PSRR Fast RF, 500mA, 2.5V	SOT223-6	TI	TPS79525DCQ
2	U6, U7	IC, Utralow-Noise, High PSRR, Fast RF 250 mA, LDO Linear Regulators, AdjV	SOT223-6	TI	TPS79401DCQ

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