S1
On
Off

VCC

C3
22uF

C1
0.1 uF

U1
TPS3809I50
1 GND RST 2
3 VDD
R1
10k

C2
22uF

U2
TPS62040DGQ
1 EN   PGND 10
2 VIN   PGND 9
3 VIN   SW 8
4 AGND SW 7
5 FB   MOD 6
11 PWP

L1
6.2 uH

U3
TPS62046DGQ
1 EN   PGND 10
2 VIN   PGND 9
3 VIN   SW 8
4 AGND SW 7
5 FB   MOD 6
11 PWP

L2
6.2 uH

R3
249k
R2
383k
C5
82pF
C4
47pF
C7
22uF

R4
100k
R5
182k

VCC

C6
0.1 uF

C8
22uF

C9
0.1 uF

C10
0.1 uF

C11
120 pF

U4
TPS3808G01
6 VDD   RST 1
5 SNS/NC GND 2
4 CT   MR 3

U5
TPS3808G33
6 VDD   RST 1
5 SNS/NC GND 2
4 CT   MR 3

R6
10k

R7
10k

CVDD

DSP_RESET

DVDD

Filename: PR377_bom.xls

Date: 04/04/2005

PR377 BOM

COUNT	RefDes	Description	Size	Part Number	MFR
4	C1, C6, C9, C10	Capacitor, Ceramic, 0.1-uF, 25-V, X7R, 10%	0603	GRM188R71E104KA01	muRata
1	C11	Capacitor, Ceramic, 120-pF, 50-V, C0G, 5%	0603	GRM1885C1H121JA01D	muRata
4	C2, C3, C7, C8	Capacitor, Ceramic, 22-uF, 6.3-V, X5R, 10%	0805	GRM21BR60J226ME39L	muRata
1	C4	Capacitor, Ceramic, 47-pF, 50-V, C0G, 5%	0603	GQM1885C1H470GB01D	muRata
1	C5	Capacitor, Ceramic, 82-pF, 50-V, C0G, 5%	0603	GQM1885C1H820JB01D	muRata
2	L1, L2	Inductor, SM Toroid, 6.2-uH, 1.8-A, 45-milliohms	0.224	CDRH5D28-6R2	Sumida
3	R1, R6, R7	Resistor, Chip, 10k-Ohms, 1/16-W, 1%	0603	Std	Std
1	R2	Resistor, Chip, 383k-Ohms, 1/16-W, 1%	0603	Std	Std
1	R3	Resistor, Chip, 249k-Ohms, 1/16-W, 1%	0603	Std	Std
1	R4	Resistor, Chip, 100k-Ohms, 1/16-W, 1%	0603	Std	Std
1	R5	Resistor, Chip, 182k-Ohms, 1/16-W, 1%	0603	Std	Std
1	S1	Switch, 1P2T, Slide, PC-mount, 200-mA	0.46 x 0.16	EG1218	E_Switch
1	U1	IC, 3-Pin Supply Voltage Supervisor	SOT23	TPS3809I50	TI
1	U2	IC,High-Effficiency Step-Down Low Power DC-DC Converter, Adj V	DGS10	TPS62040DGQ	TI
1	U3	IC,High-Effficiency Step-Down Low Power DC-DC Converter, 3.3-V	DGS10	TPS62046DGQ	TI
1	U4	IC, Low Quiescent Current Programmable, Adj-V, Delay Time 1ms to10s	SOT23-6	TPS3808G01	TI
1	U5	IC, Low Quiescent Current Programmable, 3.3-V, Delay Time 1ms to10s	SOT23-6	TPS3808G33	TI

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Mailing Address: Texas Instruments

Post Office Box 655303 Dallas, Texas 75265

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