



C67xx Design 2

Vin = 3.3V

CVDD = 1.26V @ 800mA (TPS62040)

DVDD = 3.3V @ 1000mA (TPS2034)

| Title | | Size | | Number | | Rev | |
|----------------------|--|------|----------|----------|--|----------|--|
| C67xx Design 2 | | B | 08/20/04 | PR373 | | | |
| File Name: pr373.sch | | Date | | Drawn by | | Sheet of | |

| Filename: PR373_bom.xls | | | | | |
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| Date: 08/23/2004 | | | | | |
| PR373 BOM | | | | | |
| | | | | | |
| COUNT | RefDes | Description | Size | MFR | Part Number |
| 4 | C1, C7, C8, C11 | Capacitor, Ceramic, 0.1-uF, 25-V, X7R, 10% | 603 | muRata | GRM188R71E104KA01 |
| 1 | C10 | Capacitor, Ceramic, 120-pF, 50-V, C0G, 5% | 603 | muRata | GRM1885C1H121JA01D |
| 1 | C2 | Capacitor, Ceramic, 82-pF, 50-V, C0G, 5% | 603 | muRata | GQM1885C1H820JB01D |
| 2 | C3, C4 | Capacitor, Ceramic, 10-uF, 6.3-V, X5R, 10% | 805 | muRata | GRM21BR60J106KE01 |
| 1 | C5 | Capacitor, Ceramic, 47-pF, 50-V, C0G, 5% | 603 | muRata | GQM1885C1H470GB01D |
| 2 | C6, C9 | Capacitor, Ceramic, 22-uF, 6.3-V, X5R, 10% | 805 | muRata | GRM21BR60J226ME39L |
| 1 | L1 | Inductor, SM Toroid, 6.2-uH, 1.8-A, 45-milliohms | 0.224 | Sumida | CDRH5D28-6R2 |
| 2 | R1, R5 | Resistor, Chip, 10.0k-Ohms, 1/16-W, 1% | 603 | Std | Std |
| 1 | R2 | Resistor, Chip, 249k-Ohms, 1/16-W, 1% | 603 | Std | Std |
| 1 | R3 | Resistor, Chip, 383k-Ohms, 1/16-W, 1% | 603 | Std | Std |
| 1 | R4 | Resistor, Chip, 1.0k-Ohms, 1/16-W, 1% | 603 | Std | Std |
| 1 | R6 | Resistor, Chip, 100k-Ohms, 1/16-W, 1% | 603 | Std | Std |
| 1 | R7 | Resistor, Chip, 182k-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,High-Efficiency Step-Down Low Power DC-DC Converter, Adj V | DGS10 | TI | TPS62040DGQ |
| 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 |
| 1 | U5 | IC, Low Quiescent Current Programmable, Adj-V, Delay Time 1ms to10s | SOT23-6 | TI | TPS3808G01 |

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