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|----------|-----------------|----------|------------------|----------|--|
| Title | | | TPS54350 w/ SYNC | | |
| Size | Number | | | Rev | |
| B | N/A | | | E1 | |
| Date | 9/8/06 | Drawn by | | J.TUCKER | |
| Filename | 350_SYNC_FPGA.d | Sheet | | 1 of 1 | |

TPS54350_SYNC_FPGA BOM

| COUNT | RefDes | DESCRIPTION | SIZE | MFR | Part Number |
|-------|----------------------|--|---------------|-------------|---------------|
| 4 | C1, C5, C11, C15 | Capacitor, Ceramic, 0.1 uF, 16-V, X7R, 10% | 603 | std | std |
| 2 | C2, C12 | Capacitor, OS CON, 16V, 30milliohm, 82-uF, 20% | 0.315 inch | Sanyo | STD |
| 2 | C3, C13 | Capacitor, Ceramic, 10-uF, 25-V, X5R, 20% | 1210 | Taiyo Yuden | TMK325BJ106MN |
| 2 | C4, C14 | Capacitor, POSCAP, 100-uF, 6.3-V, 45-milliohm, 20% | 7343 (D) | Sanyo | 6TPC100M |
| 2 | C6, C16 | Capacitor, Ceramic, 1.0-uF, 16-V, X7R, 10% | 1206 | std | std |
| 4 | C7, C10, C17, C20 | Capacitor, Ceramic, 3300-pF, 50-V, X7R, 10% | 603 | std | std |
| 2 | C8, C18 | Capacitor, Ceramic, 8200-pF, 50-V, X7R, 10% | 603 | std | std |
| 2 | C9, C19 | Capacitor, Ceramic, 180-pF, 50-V, X7R, 10% | 603 | std | std |
| 2 | L1, L2 | Inductor, SMT, 10-uH, 8-A, 20-milliohm | 0.51 x 0.51 | Vishay | IHLP-5050CZ |
| 2 | Q1, Q2 | Transistor, MOSFET, Nch, 11.5A, 30V 9.5 milliohm | 0.160 x 0.130 | Fairchild | FDR6674A |
| 5 | R1, R4, R7, R10, R12 | Resistor, Chip, 10.0k-Ohms, 1/16-W, 1% | 603 | std | std |
| 1 | R14 | Resistor, Chip, 3.74k-Ohms, 1/16-W, 1% | 603 | std | std |
| 2 | R2, R8 | Resistor, Chip, 4.7-Ohms, ½ W, 5% | 2010 | std | std |
| 2 | R3, R11 | Resistor, Chip, 7.68k-Ohms, 1/16-W, 1% | 603 | std | std |
| 2 | R5, R13 | Resistor, Chip, 1.37k-Ohms, 1/16-W, 1% | 603 | std | std |
| 1 | R6 | Resistor, Chip, 28.7k-Ohms, 1/16-W, 1% | 603 | std | std |
| 1 | R9 | Resistor, Chip, 237k-Ohms, 1/16-W, 1% | 603 | std | std |
| 2 | U1, U2 | IC, | PWP16 | TI | TPS54350PWP |

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