Bill Of Materials for 17338x2.sch on Mon Oct 06 12:16:02 2003

| PART NUMBER | QTY | PART DESC | REF-DES | PART-TYPE | SPECIAL NOTE |
|---|---|---|---|---|---|
| 51029 | 1 | SWITCH\SPDT\NKK 12AS12AV | S3 | !SW\SPDT\NKAS12A | |
| 21570 | 1 | CONNECTOR\PC PIN\.050 | J1 | CON\.05\3P\FE | |
| | | CENTERS\3P\FEMALE | | | |
| | 1 | CONNECTOR\PC PIN\.050 | J4 | CON\.05\5P\M | |
| | | CENTERS\5P\MALE | | | |
| 21561 | 1 | CONNECTOR\PC PIN\.050 | J9 | CON\.05\7P\FE | |
| | | CENTERS\7P\FEMALE | | | |
| P1112 | 1 | | B1 | CON\9VBAT\T195 | |
| 21519 | 3 | CONNECTOR\RECEPTICAL\PCB\.02 | P1-3 | CON\EYELET\RF | |
| | | 5 SQ PIN\FEMALE | | | |
| SCC100PH%5 | 1 | CAP SMD 100PF 5% NPO 0402 | C11 | SCC100PH%5 | |
| SCC1M16V | 2 | CAP SMD 1M  X7R 0805 16V | C33 C39 | SCC1M16V | |
| SCC1NH%10 | 13 | CAP SMD 1nF 10% NPO 0402 | C3-4 | SCC1NH%10 | |
| | | | C7-8 C21 | | |
| | | | C29 C32 | | |
| | | | C36-38 | | |
| | | | C40 C45 | | |
| | | | C120 | | |
| SCC1P | 1 | CAP SMD 1PF 0805 | C14 | SCC1P | |
| SCC1P%P1 | 2 | CAP SMD 1PF  TOL 0.1pF 0805 | C5 C13 | SCC1P%P1 | |
| SCC1P8%P1 | 1 | CAP SMD 1.8PF  TOL 0.1pF | C12 | SCC1P8%P1 | |
| | | 0805 | | | |
| SCC220PH%5 | 3 | CAP SMD 220PF 5% NPO 0402 | C25 C51 | SCC220PH%5 | |
| | | | C53 | | |
| SCC22PH%5 | 2 | CAP SMD 22PF 5% NPO 0402 | C9 C46 | SCC22PH%5 | |
| SCC2P7%P1 | 1 | CAP SMD 2.7PF  TOL 0.1pF | C2 | SCC2P7%P1 | |
| | | 0805 | | | |

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|---|---|---|---|---|
| SCC3P | 3 | CAP SMD 3PF 0805 | C6 C16 C28 | SCC3P |
| SCC3PH%P25 | 1 | CAP SMD 3PF ±0.25PF NPO 0402 | C42 | SCC3PH%P25 |
| SCC47N | 1 | CAP SMD 47N 10% 0805 X7R | C65 | SCC47N |
| SCC4M7A10V | 3 | CAP SMD 4.7M X7R 1206 | C35 C48 C119 | SCC4M7A10V |
| SCC4M7A10V | 1 | CAP SMD 4.7M X7R 1307 | C60 | SCC4M7A10V |
| SCC5P | 2 | CAP SMD 5PF 0805 | C15 C17 | SCC5P |
| SCC6P | 1 | CAP SMD 6PF 0805 | C1 | SCC6P |
| SCC82PH%5 | 1 | CAP SMD 82PF 5% NPO 0402 | C18 | SCC82PH%5 |
| SCCM1H10V%10 | 10 | CAP SMD 0.1uF, 10V, 10%, X5R, 0402 | C19 C24 C26 C34 C43-44 C54-55 C97 C127 | SCCM1H10V%10 |
| SCCP5 | 1 | CAP SMD 0.5PF 0805 | C10 | SCCP5 |
| SCT10MA6V | 5 | CAP SMD 10uF TANT 6V (X RANGE) | C20 C27 C30-31 C41 | SCT10MA6V |
| SCT1MA16V | 1 | CAP SMD 1uF 10% TANT 16V | C22 | SCT1MA16V |
| SCT2M2A10V | 1 | CAP SMD 2.2uF TANT 10V | C63 | SCT2M2A10V |
| SCT68MD20V+LE | 1 | CAP SMD 68uF TANT 20V LOW ESR | C61 | SCT68MD20V+LE |
| SCV.65-2.5P | 1 | CAP,VARIABLE,SMD,2X3mm, .65-2.5pF | C23 | SCV.65-2.5P |
| SDG4003 | 1 | DIODE SMD RLR4003 1AMP 200V | D10 | SDG4003 |
| SDS130 | 1 | DIODE,MBRS130LT3,SCHOTTKY, 1AMP,30V | D1 | SDS130 |
| SDV1204-199 | 2 | DIODE,VARACTOR,SMV1204-199 | D2-3 | SDV1204-199 |
| SIA7301 | 1 | IC OP AMP SINGLE UNIVERSAL 30V RAIL TO RAIL SOT23-5 | U14 | SIA7301 |
| SIP887 | 1 | IC, STEP-DOWN VOLTAGE | U11 | SIP887 |

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| | | CONVERTER | | |
| SIP2985/3V2 | 1 | IC, LD REG, 3.2V, 150mA, | U6 | SIP2985/3V2 |
| | | 220C/W, Lo Noise, SOT23-5 | | |
| SIR2050 | 1 | I.C. ,PLL,  DUAL, 125 MHz | U1 | SIR2050 |
| | | &1.2 GHZ, TRF2050PW | | |
| SLC15NA | 3 | IND SMD 15nH, 0805 | L1 L3 L6 | SLC15NA |
| SLC18NA | 1 | IND SMD 18nH, 0805 | L2 | SLC18NA |
| SLC220NJ | 3 | IND SMD220nH, 0603, 5% | L5 L16 | SLC220NJ |
| | | | L18 | |
| SLC47N | 2 | IND SMD 47nH | L8 L15 | SLC47N |
| SLC47NA | 2 | IND SMD 47nH | L7 L14 | SLC47NA |
| SLC68NA | 3 | IND SMD 68nH | L4 L9 | SLC68NA |
| | | | L17 | |
| SLFBEAD3 | 3 | FERRITE BEAD, SMT, | L10-12 | SLFBEAD3 |
| | | 120@100MHz, 0805 | | |
| SLP47UG | 1 | INDUCTOR,47UH,FERRITE,POWER, | L13 | SLP47UG |
| | | SMD | | |
| SRA16K5 | 1 | RESISTOR SMD 1\10W 0805 | R33 | SRA16K5 |
| | | 16.5K | | |
| SRA1R | 2 | RESISTOR SMD 1\10W 0805 1 | R10 R14 | SRA1R |
| SRH100K | 2 | RESISTOR SMD 1\16W 0402 100K | R22 R61 | SRH100K |
| SRH100R | 3 | RESISTOR SMD 1\16W 0402 100 | R4 R12 | SRH100R |
| | | Ohm | R16 | |
| SRH10K | 10 | RESISTOR SMD 1\16W 0402 10K | R1 R9 | SRH10K |
| | | | R17 | |
| | | | R34-35 | |
| | | | R40 R43 | |
| | | | R45 | |
| | | | R53-54 | |
| SRH150K | 1 | RESISTOR SMD 1\16W 0402 150K | R28 | SRH150K |
| SRH1K | 2 | RESISTOR SMD 1\16W 0402 1K | R7 R24 | SRH1K |
| SRH1K21 | 3 | RESISTOR SMD 1\16W 0402 | R3 R30 | SRH1K21 |

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| | | 1.21K | R49 | |
| SRH1M | 3 | RESISTOR SMD 1\16W 0402 1M | R15 | SRH1M |
| | | | R100-101 | |
| SRH200R | 1 | RESISTOR SMD 1\16W 0402 200 | R6 | SRH200R |
| | | Ohm | | |
| SRH20K | 3 | RESISTOR SMD 1\16W 0402 20K | R8 | SRH20K |
| | | | R20-21 | |
| SRH24K9 | 2 | RESISTOR SMD 1\16W 0402 | R2 R23 | SRH24K9 |
| | | 24.9K | | |
| SRH2K | 1 | RESISTOR SMD 1\16W 0402 2K | R13 | SRH2K |
| SRH2K21 | 1 | RESISTOR SMD 1\16W 0402 | R94 | SRH2K21 |
| | | 2.21K | | |
| SRH33K2 | 2 | RESISTOR SMD 1\16W 0402 | R18 R31 | SRH33K2 |
| | | 33.2K | | |
| SRH464R | 1 | RESISTOR SMD 1\16W 0402 464 | R25 | SRH464R |
| | | Ohm | | |
| SRH49K9 | 1 | RESISTOR SMD 1\16W 0402 49.9 | R11 | SRH49K9 |
| | | K | | |
| SRV2KP5E | 1 | RESISTOR VARIABLE SMD 2K, | R47 | SRV2KP5E |
| | | P5E | | |
| SRV5KP5E | 1 | RESISTOR VARIABLE SMD 5K, | R19 | SRV5KP5E |
| | | P5E | | |
| STF2301 | 1 | MOSFET, P-CH, SI2301DS, | Q4 | STF2301 |
| | | DMOS, 1A, -20V, 0.1 Ohm | | |
| STF2301 | 1 | MOSFET, P-CH, SI2301DS, | Q5 | STF2301 |
| | | DMOS, 1A, -20V | | |
| STF25139 | 1 | GASFET,DUAL-GATE,SMD | Q6 | STF25139 |
| STF54143 | 1 | PHEMP, LOW NOISE, MEDIUM | Q3 | STF54143 |
| | | POWER | | |
| STN4124 | 2 | TRANSISTOR,RF,SOT-23, | Q7 Q12 | STN4124 |
| | | MMBT4124 | | |
| STN85633 | 1 | TRANSISTOR,RF,SOT-23,2SC3356 | Q2 | STN85633 |

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| STNC520 | 1 | NPN CASCODE RF TRANSISTOR | Q1 | STNC520 | |
| STP4403 | 1 | PNP,500MA,40V,LO NOISE,HI | Q13 | STP4403 | |
| | | GAIN | | | |
| SXITBL | 1 | 50 OHM ISOLATOR CIRCULATOR | ISO1 | SXITBL | |
| SYCTBL | 1 | RESONATOR COAXIAL 1/4 WAVE | RES1 | SYCTBL | |
| | | 610MHz DRR060KER610T | | | |
| SYQ11M3 | 1 | SMD XTAL, 11.300MHZ, 20PF, | XT2 | SYQ11M3 | |
| | | TEMP 10PPM | | | |
| | 1 | | TP1 | TP1 | |