

Part list exported from c:\A\HW\Excel\projects\pbridge\redesign-V1.1\pbridge.sch at 4/15/2013 8:11:38 AM

| Qty | Value | Device | Package | Parts | Famot | Vendor | Description |
|-----|-----------------------------|-----------------------|-------------------|---|-----------------------|----------------------------|---|
| 1 | MS0-360542 | MS0-360542 | 127_2R10_SMT | JTAG | 1022310 | Walttron Industrial | connector, 10-way |
| 1 | MS0-360142 | MS0-360142 | 127_2R20_SMT | EXT | 1022310 | Walttron Industrial | Fabricant: NANOIR, ordercode: 1022311, Fabrikantnummer: MS0-360142 |
| 1 | 80205-06-1-0450-0530-0350-1 | 1P1801-1000_2_54-SMD | 106040 | UART5 | 178986 | Walttron Industrial | PIN HEADER |
| 1 | 80075-06-A-1-L-0 | 80075-06-A-1-L-0 | J_040T1 | J_040T1 | 178987 | Walttron Industrial | BOARD-BOARD CONNECTOR SOCKET, 6WAY, 180W |
| 1 | 45309P-50_000802-LR-1 | 45309P-50_000802-LR-1 | 453 | 453 | 190717 | Wurceon Corporation | PERFORMANCE PLASTIC PACKAGE ULTRA MINIATURE |
| 1 | R351000 | R35-1000 | R35S | R600 | 177807 | Suplug | 6.2 x 6.4mm Tact Switch (SMD) |
| 1 | 14217407 | 86-306-V | 86-306-V | 86 | 2144735 | ARROW ELECTRONICS | ARROW'S CONNECT - 14217407 JACK, 60W, 6V, 500W, Through Hole, 500W |
| 40 | 100n | 0402B104K160CT | C0402 | C25, C26, C29, C34, C35, C36, C37, C40, C44, C45, C46, C47, C48, C49, C51, C108, C109, C111, C114, C115 | Walsin 0402B104K160CT | Walsin 0402B104K160CT | CAPACITOR, European symbol |
| 6 | 100n/K7R | 0402B104K160CT | C0402 | | Walsin 0402B104K160CT | Walsin 0402B104K160CT | CAPACITOR, European symbol |
| 17 | 10n | 0402B103K500CT | C0402 | C12, C15, C17, C18, I | 1828887 | Walsin 0402B103K500CT | CAPACITOR, European symbol |
| 1 | 10n/K7R | 0402B103K500CT | C0402 | C112 | 1828887 | Walsin 0402B103K500CT | CAPACITOR, European symbol |
| 1 | 10n/NP0 | 0402B103K500CT | C0603 | C21 | 1457729 | Walsin 0402B103K500CT | CAPACITOR, European symbol |
| 1 | 15p | 0402N102J000LT | C0402 | C2 | 1758643 | Walsin 0402N102J000LT | CAPACITOR, European symbol |
| 1 | 150p | 0402B115K000CT | C0402 | C65 | 1758975 | Walsin 0402B115K000CT | CAPACITOR, European symbol |
| 2 | 15p | 0402N102J000LT | C0402 | C103, C106 | 1758945 | Walsin 0402N102J000LT | CAPACITOR, European symbol |
| 6 | 1n | 0402B102K500CT | C0402 | C49, C70, C71, C72, I | 1758991 | Walsin 0402B102K500CT | CAPACITOR, European symbol |
| 3 | 1u | 0402X105K6R3CT | C0402 | C125, C134, C135 | 1759381 | Walsin 0402X105K6R3CT | CAPACITOR, European symbol |
| 1 | 220n | 0402X224K160CT | C0402 | C128 | 1758880 | Walsin 0402X224K160CT | CAPACITOR, European symbol |
| 2 | 22n | 0402Z223K160CT | C0402 | C104, C105 | 1828888 | Walsin 0402Z223K160CT | CAPACITOR, European symbol |
| 4 | 22p | 0402N202J000LT | C0402 | C60, C61, C62, C63 | 1758951 | Walsin 0402N202J000LT | CAPACITOR, European symbol |
| 1 | 3u3 | 0402X239K00CT | C0402 | C138 | 2118127 | Walsin 0402X239K00CT | CAPACITOR, European symbol |
| 1 | 3u9 | 0402B392K500CT | C0402 | C64 | 1758999 | Walsin 0402B392K500CT | CAPACITOR, European symbol |
| 2 | 47p/NP0 | 0402N470J000LT | C0402 | C113, C117 | 1758959 | Walsin 0402N470J000LT | CAPACITOR, European symbol |
| 9 | na | C-EUC0402 | C0402 | C19, C74, C75, C76, C77, C88, C89, C90, C91 | | | |
| 2 | 470n | 0603F474Z160CT | C0603 | C10, C119 | 1856338 | Walsin 0603F474Z160CT | CAPACITOR, European symbol |
| 1 | 470n/K7R | GM188R71C474K48B0 | C0603 | C85 | 1856338 | Walsin 0603F474Z160CT | CAPACITOR, European symbol |
| 6 | 10u/K7R | GM218R71A104K51L | C0805 | C14, C30, C38, C42, I | 1828828 | Walsin 0805B104K100CT | CAPACITOR, European symbol |
| 13 | 4u7/K7R (0805) | GM218R71C475K473L | C0603 | C95, C96, C97, C130 | 1657937 | MURATA GRM218R71C475K473L | CAPACITOR, European symbol |
| 1 | 10u/Tantalum | TAJ1060J100UJ | C1206 | C133 | 11916107 | TAJ1060J100UJ | CAPACITOR, European symbol |
| 4 | 22u/K7R | GM3218R71A224KE15L | C1206 | C4, C6, C11, C121 | 2118135 | Walsin 1206B224K160CT | CAPACITOR, European symbol |
| 2 | 47u/1uV | GM3218R71A474KE15L | C1210 | C129, C130 | 1907527 | MURATA GRM3218R71A474KE15L | CAPACITOR, European symbol |
| 1 | OVS-0803(O) | CHI PLED_0805 | LED04 | LED04 | 1716765 | Everlight | Chip LED 0805 |
| 1 | OVS-0804(O) | CHI PLED_0805 | LED04 | LED04 | 1716766 | Everlight | Chip LED 0805 |
| 1 | OVS-0804(Y) | CHI PLED_0805 | LED05 | LED05 | 1716767 | Everlight | Chip LED 0805 |
| 2 | OVS-0808(O) | CHI LED_0805 | LED04 | LED04 | 1716768 | Everlight | Chip LED 0805 |
| 3 | VL37301AT-2620M0 | COIL2_BMM | COIL12_BMM | L3, L4, L7 | 1670118 | TDK | Coil radial, 2.0 mm |
| 2 | SL77045, 3.3uH | COIL17070 | COIL17070 | L14, L16 | 2215723 | TDK | |
| 1 | CR1225-FH-LF | CR1225H | CR1225H | | 1319126 | Renata Batteries | RENATA - CR1225 FH-LF - CELL, LITHIUM, BUTTON, 2PIN, 3V |
| 1 | 5-20p | C-TRIMMCT23 | CTRIMMCT23 | C20 | 9528652 | Walsin | Trim capacitor |
| 1 | 16C10A | JACK-P16LIGH04LES | DC-IN | DC-IN | 224964 | CIT Electronic | DC POWER JACK |
| 1 | L17P17ED-3, 3 | L17P17ED-3, 3 | L17P17ED-3, 3 | C12 | 2048054 | Linear Technology | 3W, 1.2A, 28MHz |
| 1 | L17P17ED-5 | DR16D-3X3 | IC5 | IC5 | 2048055 | Linear Technology | 3W, 1.2A, 28MHz |
| 2 | 2ZE | EXB10222XK | EXB102 | RN10 | 2048017 | On chip Resistor | Array Chip Resistor |
| 1 | HM55162EFR | HM55162EFR | FRGA60-A10 | IC10 | 2142727 | HYUNIX SEMI CONDUCTOR | HYUNIX SEMI CONDUCTOR - HM55162EFR-J3M - SDRAM, MOBILE DOR, 512MB (X16), 60PGBA |
| 1 | ST10T04E | ST10T04E | H0P024-A44 | IC13 | | STMicroelectronics | USB-OTG Full-speed Transceiver |
| 1 | na | JPE | JPE | J1 | | | JUMPER |
| 1 | na | LIGHTPIPE6 | LIGHTPIPE6 | US1 | 3245251 | Monitor Graphics | |
| 1 | DP83848-2850 | DP83848-2850 | MEV_ETHENET_LLPA0 | UD01 | 1602446 | Texas Instruments | DP83848 (40-LP) - Single Port 10/100 Ethernet Transceiver |
| 1 | 3u9H, LOP158N9B02 | LOP158N9B02 | P6603 | L12 | | Murata | Inductor |
| 1 | 5u9H, LOP158N91B02 | LOP158N91B02 | P6603 | L13 | | Murata | Inductor |
| 1 | BL160HSG220 | BL160HSG220 | P6603 | L15 | | Taiyo Yuden | Inductor |
| 4 | BLU18AG6015 | BLU18AG6015 | PACKAGE0603 | L5, L6, L8, L17, R16, R17, R26, R21, R46, R48, R49, R52, R53, R54, R79, R82, R84, R89, R90, R92 | 1515679 | Murata | |
| 16 | 0E | WR04X000 JTL | R0402 | R136, R137, R138 | 1357983 | Walsin WR04X000 JTL | RESISTOR, European symbol |
| 3 | 100E | WR04X101 JTL | R0402 | R12, R17, R18 | 1358015 | Walsin WR04X101 JTL | RESISTOR, European symbol |
| 3 | 100K | WR04X104 JTL | R0402 | R35, R94, R149 | 1358096 | Walsin WR04X104 JTL | RESISTOR, European symbol |
| 13 | 10K | WR04X103 JTL | R0402 | R18, R20, R21, R22, R23, R24, R56, R61, R130, R131, R132, R135, R147 | 1358069 | Walsin WR04X103 JTL | RESISTOR, European symbol |
| 2 | 120E | WR04X121 JTL | R0402 | R25, R27 | 1358018 | Walsin WR04X121 JTL | RESISTOR, European symbol |
| 1 | 120K | WR04X124 JTL | R0402 | R50 | 1358098 | Walsin WR04X124 JTL | RESISTOR, European symbol |
| 2 | 14K | WR04X1402 JTL | R0402 | R36, R141 | 1803176 | Walsin WR04X14 JTL | RESISTOR, European symbol |
| 1 | 150E | WR04X151 JTL | R0402 | R2 | 1358020 | Walsin WR04X151 JTL | RESISTOR, European symbol |
| 1 | 180K | WR04X184 JTL | R0402 | R14 | 1358102 | Walsin WR04X184 JTL | RESISTOR, European symbol |
| 4 | 1K | WR04X102 JTL | R0402 | R30, R63, R139, R148 | 1358043 | Walsin WR04X102 JTL | RESISTOR, European symbol |
| 1 | 145 | WR04X152 JTL | R0402 | R68 | 1358047 | Walsin WR04X152 JTL | RESISTOR, European symbol |
| 2 | 20E | WR04X200 JTL | R0402 | R145, R146 | 1357997 | Walsin WR04X200 JTL | RESISTOR, European symbol |
| 8 | 22E | WR04X220 JTL | R0402 | R33, R40, R83, R85, I | 1357998 | Walsin WR04X220 JTL | RESISTOR, European symbol |
| 5 | 2k2 | WR04X222 JTL | R0402 | R28, R50, R58, R143, R145 | 1358051 | Walsin WR04X222 JTL | RESISTOR, European symbol |
| 1 | 300K | WR04X304 JTL | R0402 | R13 | 1358107 | Walsin WR04X304 JTL | RESISTOR, European symbol |
| 5 | 33K | WR04X33 JTL | R0402 | R1, R78, R105, R106, R107, R72, R73, R74 | 1358083 | Walsin WR04X33 JTL | RESISTOR, European symbol |
| 4 | 3k3 | WR04X332 JTL | R0402 | R1 | 1358056 | Walsin WR04X332 JTL | RESISTOR, European symbol |
| 1 | 43K, 1% | WR04X4302 JTL | R0402 | R14 | 1358066 | Walsin WR04X4302 JTL | RESISTOR, European symbol |
| 2 | 470E | WR04X771 JTL | R0402 | R2, R65 | 1358034 | Walsin WR04X771 JTL | RESISTOR, European symbol |
| 2 | 47K | WR04X73 JTL | R0402 | R152, R153 | 1358087 | Walsin WR04X73 JTL | RESISTOR, European symbol |
| 2 | 4k7 | WR04X72 JTL | R0402 | R80, R81 | 1358040 | Walsin WR04X72 JTL | RESISTOR, European symbol |
| 1 | 4k87/1% | 4k87 +/-1% 0402 | R0402 | R4 | 1803106 | Walsin WR04X871 JTL | RESISTOR, European symbol |
| 4 | 55E (049, 5E) | WR04X409R7JTL | R0402 | R5, R6, R7, R9 | 1449722 | Walsin WR04X409R7JTL | RESISTOR, European symbol |
| 1 | 560E | WR04X561 JTL | R0402 | R64 | 1738846 | Walsin WR04X561 JTL | RESISTOR, European symbol |
| 22 | na | R-EU30402 | R0402 | R8, R10, R11, R15, R19, R29, R30 | | Walsin | RESISTOR, European symbol |
| 1 | na (OE for boundary scan) | R-EU30402 | R0402 | R12 | | Walsin | RESISTOR, European symbol |
| 3 | 0E | WR04X000 PTL | R6603 | L85, L86, L88 | 9331662 | Walsin WR04X000 PTL | RESISTOR, European symbol |
| 3 | BLU18AG2215N10 | L_0603 | R6603 | L1, L2, L11 | 931584 | Murata | |
| 4 | 0E | WR12000 JTL | R1206 | R24, R27, R221, R222 | 9239174 | Walsin WR12000 JTL | RESISTOR, European symbol |
| 2 | 74LVC1G1250B | 74LVC1G1250B | SC70-5 | IC2, IC8 | 1631665 | NXP | Single Bus Buffer Gate with 3-State Output |
| 1 | PRE32020P | PRE32020P | 500128 | | 1972722 | NXP | |
| 2 | PWE2010AEJ | PWE2010AEJ | SC70-5 | D5, D7 | 1757762 | NXP | |
| 1 | LP1C320 | LP1C320AEF296/01 | SOT104B-1 | IC7 | NXP | NXP | |
| 1 | CAT8115 | CAT8115 | IC1 | IC1 | 171811 | On Semi conductor | 4-Pin Hi croprocessor |
| 1 | BAT54C | BAT54C | SOT23 | D2 | NXP | On Semi conductor | Schottky Diodes |
| 5 | BAT754 | BAT754 | SOT23 | D1, D3, D4, D10, D11 | NXP | | Silicon Schottky Diodes |
| 2 | MB02NP1AL | MB02NP1AL | SOT23 | D8, D9 | 1829232 | NXP On Semi conductor | Low capacitance unidirectional double ESD protection diodes |
| 1 | LM637MF-1, 2 | LM637MF-1, 2 | SOT23-5 | U1 | 1685653 | Texas Instruments | LM637MF-1, 2/NOPB - IC, DC DC CONVERTER |
| 1 | LM637MF-1, 8 | LM637MF-1, 8 | SOT23-5 | U2 | 1080255 | Texas Instruments | LM637MF-1, 2/NOPB - IC, DC DC CONVERTER |
| 1 | LM637MF-1, 8 | LM637MF-1, 8 | SOT23-5 | U4 | 1080256 | Texas Instruments | LM637MF-1, 2/NOPB - IC, DC DC CONVERTER |
| 1 | MI CS232-1, 2V05 | MI CS232-1, 2V05 | SOT23-5 | U5 | 2219102 | Micro Inc | MI CS232-1, 2V05 TR - LDO, 0.1VDD, 0.01A, 1.2V, 3%, SOT23 |
| 1 | MI CS256A-2V06 | MI CS256A-2V06 | SOT23-6 | U6 | | Micro Inc | Fixed Current Limit |
| 1 | JMS164 | JMS164 | SOT161B-1 | IC11 | NXP | NXP | |
| 1 | MC01546-2K | MC01546-2K | TACTNO | RESET | 9471839 | Suplug | Tact switch, vertical, through-hole |
| 2 | MC01546-3K | MC01546-3K | TACTNO | RESET, BUT2 | 9471790 | Suplug | |
| 1 | NAND018R38C36A | H2701G8F28TR | T50P48 | IC9 | 2066567 | Winron | WINRON - NAND018R38C36A - FLASH, NAND, 1GBIT, T50P48 |
| 1 | 24LC256-1/ST | 24LC256-1/ST | T50P48 | IC4 | 1296579 | Winron, Samsung | |
| 1 | 1608 VertiCal | USB_A_HU | USB_A_HU | IC8 | 1076667 | Suplug | |
| 1 | 32 768Hz | RTC0P15TAL | XTAL2 | O4 | 1278036 | Epson | |
| 1 | 13.000MHz | PSV13070002 | XTAL4 | O5 | 1648974 | Tai Tim | 13.000MHz, 100Pn, 130P |
| 1 | 13.000MHz | PSV13070002 | XTAL4 | O6 | 1648974 | Tai Tim | 13.000MHz, 100Pn, 130P |

Vendor is not same as 55 samples
I still cannot source