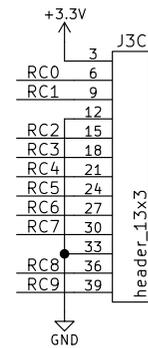
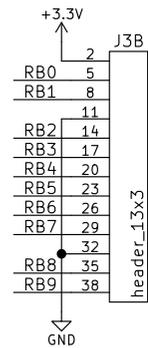
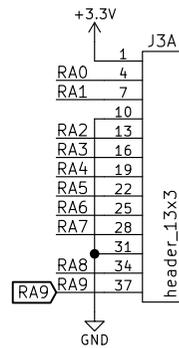
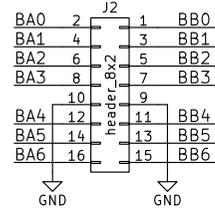


U1B
LCMXO2-7000-TG144

| | | |
|-----|-----|------------------|
| RA0 | 73 | PR24B |
| RB0 | 74 | PR24A |
| RC0 | 75 | PR23B |
| RA1 | 76 | PR23A |
| RB1 | 77 | PR21B |
| RC1 | 78 | PR21A |
| RA2 | 81 | PR18B |
| RB2 | 82 | PR18A |
| RC2 | 83 | PR17B |
| RA3 | 84 | PR17A |
| RB3 | 85 | PR16B |
| RC3 | 86 | PR16A |
| RA4 | 87 | PR15B |
| RB4 | 89 | PR15A |
| RC4 | 91 | PR12B/PCLKC1_0 |
| RA5 | 92 | PR12A/PCLKT1_0 |
| RB5 | 93 | PR11B |
| RC5 | 94 | PR11A |
| RA6 | 95 | PR9B |
| RB6 | 96 | PR9A |
| RC6 | 97 | PR7B |
| RA7 | 98 | PR7A |
| RB7 | 99 | PR5B |
| RC7 | 100 | PR5A |
| RC8 | 103 | PR4C |
| RB8 | 104 | PR3B/R_GPLL_C_IN |
| RA8 | 105 | PR3A/R_GPLL_T_IN |
| RC9 | 106 | PR2B/R_GPLL_C_FB |
| RB9 | 107 | PR2A/R_GPLL_T_FB |

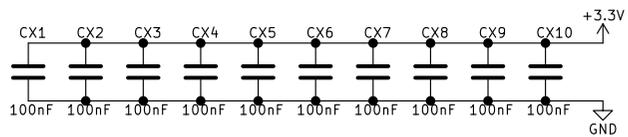
U1C
LCMXO2-7000-TG144

| | | |
|-------|----|-----------------|
| BA0 | 38 | PB4A |
| BB0 | 39 | PB4B |
| | 40 | PB6A/CSSPIN |
| | 41 | PB6B |
| BA1 | 42 | PB9A |
| BB1 | 43 | PB9B |
| | 44 | PB12A/MCLK/CCLK |
| SCLKD | 45 | PB12B/SO/SPI0 |
| MISOD | 47 | PB13A |
| | 48 | PB13B |
| | 49 | PB16A/PCLKT2_0 |
| | 50 | PB16B/PCLKC2_0 |
| | 52 | PB18A |
| | 54 | PB18B |
| | 55 | PB23A/PCLKT2_1 |
| | 56 | PB23B/PCLKC2_1 |
| | 57 | PB26A |
| | 58 | PB26B |
| | 59 | PB29A |
| | 60 | PB29B |
| BB4 | 61 | PB31A |
| BA4 | 62 | PB31B |
| | 63 | PB31D |
| BB5 | 65 | PB35A |
| BA5 | 67 | PB35B |
| BB6 | 68 | PB37A |
| BA6 | 69 | PB37B |
| CE0 | 70 | PB38A/SN |
| MOSI | 71 | PB38B/SI/SISPI |



U1G
LCMXO2-7000-TG144

| | |
|-----|--------|
| 8 | GND |
| 18 | GND |
| 29 | GND |
| 46 | GND |
| 53 | GND |
| 64 | GND |
| 80 | GND |
| 90 | GND |
| 101 | GND |
| 116 | GND |
| 124 | GND |
| 134 | GND |
| 129 | NC |
| 36 | VCC |
| 72 | VCC |
| 108 | VCC |
| 144 | VCC |
| 118 | VCCI00 |
| 123 | VCCI00 |
| 135 | VCCI00 |
| 79 | VCCI01 |
| 88 | VCCI01 |
| 102 | VCCI01 |
| 51 | VCCI02 |
| 37 | VCCI02 |
| 66 | VCCI02 |
| 30 | VCCI03 |
| 16 | VCCI04 |
| 7 | VCCI05 |



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Sheet: /PIF/Hat Mach X02/
File: pifhat2_xo2.sch

Title: PIF 2 Raspberry Pi FPGA HAT

Size: A4 Date: 2016-04-25

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Rev: 1

Id: 2/2