

Bill Of Materials- 2023 Isiris Update with PTT6.5MF PuriFi for midrange

| Designator | Description | Suggested Vendor | Manufacturer | Series/Part Number | Vendor Part SKU | Qty | ~Cost Ea. | Total | |
|-------------------------------------|-----------------------------|--|--------------------|--------------------|-----------------------|------------------|-----------|---------|------------|
| <input type="checkbox"/> | Woofer Xover | MOR with Jantzen C-Core | | | | | | | |
| <input checked="" type="checkbox"/> | L1 | 4.2 mH Jantzen C-Core inductor | HiFi Collective | Jantzen | C-Core AWG 14 | 000-6204 | 2 | \$69.00 | \$138.00 |
| <input checked="" type="checkbox"/> | L2 | 2.0 mH Jantzen C-Core inductor | HiFi Collective | Jantzen | C-Core AWG 15 | 000-6060 | 2 | \$52.00 | \$104.00 |
| <input checked="" type="checkbox"/> | C1 | 100 uF | Parts Express | Jantzen | CrossCap | 027-956 | 2 | \$39.94 | \$79.88 |
| <input checked="" type="checkbox"/> | C2 | 100 uF | Parts Express | Jantzen | CrossCap | 027-956 | 2 | \$39.94 | \$79.88 |
| <input checked="" type="checkbox"/> | C38A | 100 uF | Parts Express | Jantzen | CrossCap | 027-956 | 2 | \$39.94 | \$79.88 |
| <input checked="" type="checkbox"/> | C38B | 30 uF | Parts Express | Solen | 400V PP | 027-590 | 2 | \$22.35 | \$44.70 |
| <input checked="" type="checkbox"/> | C4 | 3.0 uF | Parts Express | Jantzen | CrossCap | 027-536 | 2 | \$3.79 | \$7.58 |
| <input checked="" type="checkbox"/> | C47 | 51 uF | Parts Express | Jantzen | CrossCap | 027-602 | 2 | \$28.60 | \$57.20 |
| <input type="checkbox"/> | | | | | | | | \$0.00 | \$0.00 |
| <input type="checkbox"/> | Midrange Xover | | | | | | | | |
| <input checked="" type="checkbox"/> | C5 | 82 uF | Parts Express | Audyn | Q4 series | 027-124 | 2 | \$30.59 | \$61.18 |
| <input checked="" type="checkbox"/> | C53 | 15 uF | Parts Express | Audyn | Q4 series | 027-119 | 2 | \$8.14 | \$16.28 |
| <input type="checkbox"/> | | | | | * Audyn Plus | 027-141; \$46.69 | | | \$0.00 |
| <input type="checkbox"/> | | | | | I used the Audyn Plus | | | | \$0.00 |
| <input checked="" type="checkbox"/> | R39A | 10 ohms 20W | Parts Express | Dayton Audio | DPR20 resistor | 007-10 | 2 | \$4.98 | \$9.96 |
| <input type="checkbox"/> | | | | | | | | | |
| <input checked="" type="checkbox"/> | L3 | 820 uH | Parts Express | Jantzen | AWG 15 | 255-418 | 2 | \$19.22 | \$38.44 |
| <input checked="" type="checkbox"/> | C12 | 22 uF | Parts Express | Jantzen | Standard-Z | 027-286 | 2 | \$20.06 | \$40.12 |
| <input checked="" type="checkbox"/> | C46 | 2.7 uF | Parts Express | Jantzen | Standard-Z | 027-268 | 2 | \$3.47 | \$6.94 |
| <input checked="" type="checkbox"/> | L6 | 3.3 mH | Parts Express | Jantzen | AWG 15.00 | 257-398 | 2 | \$47.12 | \$94.24 |
| <input checked="" type="checkbox"/> | C46 | 6.8 uF | Parts Express | Jantzen | Standard-Z | 027-278 | 2 | \$6.57 | \$13.14 |
| <input checked="" type="checkbox"/> | C21 | 6.8 uF | Parts Express | Jantzen | Standard-Z | 027-278 | 2 | \$6.57 | \$13.14 |
| <input checked="" type="checkbox"/> | R40 | 25 / 20W | Parts Express | Dayton Audio | DPR20 resistor | 007-25 | 2 | \$4.98 | \$9.96 |
| <input checked="" type="checkbox"/> | C49 | 2 uF | Parts Express | Solen | 400V PP | 027-534 | 2 | \$4.85 | \$9.70 |
| <input checked="" type="checkbox"/> | L4 | 220 uH | Parts Express | Jantzen | AWG 18 | 255-212 | 2 | \$6.24 | \$12.48 |
| <input checked="" type="checkbox"/> | R41 | 0.51 | Parts Express | Dayton Audio | DPR20 resistor | 007-0.51 | 2 | \$4.98 | \$9.96 |
| <input checked="" type="checkbox"/> | L13 | 100 uH | Parts Express | Jantzen | AWG 15 Litz | 255-900 | 2 | \$27.73 | \$55.46 |
| <input checked="" type="checkbox"/> | R44 | 4 / 20W | Parts Express | Dayton Audio | DPR20 resistor | 007-4.0 | 2 | \$4.98 | \$9.96 |
| <input type="checkbox"/> | | | | | | | | | \$0.00 |
| <input checked="" type="checkbox"/> | R42 | 7.5 / 20W | Parts Express | Dayton Audio | DPR20 resistor | 007-7.5 | 2 | \$4.98 | \$9.96 |
| <input checked="" type="checkbox"/> | R43 | 7.5 / 20W | Parts Express | Dayton Audio | DPR20 resistor | 027-7.5 | 2 | \$4.98 | \$9.96 |
| <input checked="" type="checkbox"/> | R27 | 5.1 / 20W | Parts Express | Dayton Audio | DPR20 resistor | 007-5.1 | 2 | \$4.98 | \$9.96 |
| <input checked="" type="checkbox"/> | R52 | 12.5 / 20W switched | Parts Express | Dayton Audio | DPR20 resistor | 007-12.5 | 2 | \$4.98 | \$9.96 |
| <input checked="" type="checkbox"/> | R25 | 7.5 / 20W | Parts Express | Dayton Audio | DPR20 resistor | 007-7.5 | 2 | \$4.98 | \$9.96 |
| <input type="checkbox"/> | | | | | | | 0 | \$0.00 | \$0.00 |
| <input type="checkbox"/> | Tweeter Xover | | | | | | | | |
| <input checked="" type="checkbox"/> | C50 | 8.2 uF | HiFi Collective | Clarity Cap | PUR series | PUR 8U2H250V | 2 | \$31.37 | \$62.74 |
| <input checked="" type="checkbox"/> | R3 | 3.3 Ohms 20W | Parts Express | Dayton Audio | DPR20 resistor | 007-3.3 | 2 | \$4.48 | \$8.96 |
| <input checked="" type="checkbox"/> | L14 | 0.33 mH | Parts Express | Jantzen | AWG 15 | 255-404 | 2 | \$12.78 | \$25.56 |
| <input checked="" type="checkbox"/> | L15 | 10 uH | Parts Express | Jantzen | AWG 10 | 255-002 | 2 | \$6.06 | \$12.12 |
| <input checked="" type="checkbox"/> | C51 | 2.2 uF | Parts Express | Audyn | Plus Series 800V | 027-125 | 2 | \$15.99 | \$31.98 |
| <input checked="" type="checkbox"/> | C52 | 0.22 uF (T34A version) | Parts Express | Audyn | Plus Series 800V | 027-128 | 2 | \$8.91 | \$17.82 |
| <input checked="" type="checkbox"/> | R51 | 1.5 Ohms 20W | Parts Express | Dayton Audio | DPR20 resistor | 007-1.5 | 2 | \$4.98 | \$9.96 |
| <input checked="" type="checkbox"/> | R53 | 4.7 Ohms 20W Switched | Parts Express | Dayton Audio | DPR20 resistor | 007-4.7 | 2 | \$4.98 | \$9.96 |
| <input type="checkbox"/> | | | | | | | 0 | \$0.00 | \$0.00 |
| <input type="checkbox"/> | | | | | | | | | |
| <input type="checkbox"/> | Total as configured: | | | | | | | | \$1,220.98 |
| <input type="checkbox"/> | Options: | Jantzen Superior-Z 8.2 uF | | | | | | \$48.86 | |
| <input type="checkbox"/> | (Tweeter caps) | Jantzen Alumen 8.2 uF | | | | | | \$98.80 | |
| <input type="checkbox"/> | | Audyn Plus 8.2 uF | | | | | | \$36.25 | |
| <input type="checkbox"/> | | Clarity MR 8.2 uF | | | | | | \$67.25 | |
| <input type="checkbox"/> | | Clarity CMR 8.2 uF | | | | | | \$76.00 | |
| <input type="checkbox"/> | | | | | | | | \$0.00 | |
| <input type="checkbox"/> | Alternates: | Dayton Audio DMPC; | | | | | | | |
| <input type="checkbox"/> | | Audyn 82 uF -> Jantzen CrossCap | | | | | | | |
| <input type="checkbox"/> | Woofer Inductors | | | | | | | | |
| <input type="checkbox"/> | Solen Inductors | Low DCR, very low Distortion | | | | | | | |
| <input type="checkbox"/> | L1 | 4.3 mH | Solen, CA | | AWG 10 Air core | S104.3 | | | |
| <input type="checkbox"/> | L2 | 2.2 mH | Solen, CA | | AWG 10 Air core | S102.2 | | | |
| <input type="checkbox"/> | | | | | | | | | |
| <input type="checkbox"/> | Jantzen Air Core | High DCR, easier to drive; -2dB | Lowest cost | | | | | | |
| <input type="checkbox"/> | L1 | 4.0 mH | Parts Express | Jantzen | AWG 15 Air core | 255-440 | | \$54.04 | |
| <input type="checkbox"/> | L2 | 2.2 mH | Parts Express | Jantzen | AWG 15 Air core | 255-432 | | \$40.90 | |
| <input type="checkbox"/> | | | | | | | | | |
| <input type="checkbox"/> | | | | | | | | | |