

| https://www.audiobuildersworkshop.com/ | | | | | kit quan |
|---|--------------------|------------------------------|-------------------------|----------------------|-------------|
| manuf urer | part number | value | description | Mouser PN | |
| Mechanical, Misc/other | | | | | |
| BPS | BB400T | 400 tie points | breadboard | 854-BB400T | 1 |
| Keystone | 81-8 | | 9V battery clip | 534-81-8TB | 1 |
| CUI | SJ1-3523N | | 1/8 mini phone jack | 490-SJ1-3523N | 2 |
| Bourns | PTV09A-4020F-B105 | 1M Linear | pot | 652-PTV09A4020FB105 | 2 |
| ALPS | RK09D117000C | 10K Audio | pot | 688-RK09D117000C | 2 |
| TI | RC4558P | | RC4558P | 595-RC4558P | 2 |
| TI | NE555PE4 | 200 mA source & sink | 555 | 595-NE555PE4 | 2 |
| MCC | MPSA42-AP | NPN 300 mA | GP Audio NPN | 833-MPSA42-AP | 2 |
| MCC | MPSA92-AP | PNP 300 mA | GP Audio PNP | 833-MPSA42-AP | 2 |
| ON | BC550CTA | NPN 100mA | GP Audio NPN | 512-BC550CTA | 4 |
| ON | BC560CTA | PNP 100 mA | GP Audio PNP | 512-BC560CTA | 4 |
| ON | 2N3904TFR | NPN | GP switching | 512-2N3904TFR | 4 |
| Vishay | BAT43-TAP | Schottky Diode 30 Volt 200mA | | 78-BAT43-TAP | 2 |
| ON | 1N4148 | small signal | diode | 512-1N4148 | 6 |
| Comchip | 1N4001-G | 1A diode | | 750-1N4001-G | 4 |
| Lite-on | LTL-307G | Green | LED 19 mcd 50 deg T13/4 | 859-LTL-307G | 2 |
| Lite-on | LTL-4223 | Red | LED 19 mcd 36deg T13/4 | 859-LTL-4223 | 2 |
| Yageo | FCR-50JT-52-10R | 10 ohm | 1/2W | 603-FCR-50JT-52-10R | 4 |
| Yageo | CFR-25JR-52-100R | 100 ohm | 1/4W carbon film | 603-CFR-25JR-52100R | 8 |
| Yageo | CFR-25JR-52-330R | 330 ohm | 1/4W carbon film | 603-CFR-25JR-52-330R | 8 |
| Yageo | CFR-25JR-52-1K | 1K | 1/4W carbon film | 603-CFR-25JR-521K | 8 |
| Yageo | CFR-25JR-52-2K2 | 2.2K | 1/4W carbon film | 603-CFR-25JR-522K2 | 8 |
| Yageo | CFR-25JR-52-4K7 | 4.7K | 1/4W carbon film | 603-CFR-25JR-524K7 | 8 |
| Yageo | CFR-25JR-52-10K | 10K | 1/4W carbon film | 603-CFR-25JR-5210K | 8 |
| Yageo | CFR-25JR-52-15K | 15K | 1/4W carbon film | 603-CFR-25JR-5215K | 8 |
| Yageo | CFR-25JR-52-22K | 22K | 1/4W carbon film | 603-CFR-25JR-5222K | 8 |
| Yageo | CFR-25JR-52-47K | 47K | 1/4W carbon film | 603-CFR-25JR-5247K | 8 |
| Yageo | CFR-25JR-52-100K | 100K | 1/4W carbon film | 603-CFR-25JR-52100K | 8 |
| Yageo | CFR-25JR-52-390K | 390K | 1/4W carbon film | 603-CFR-25JR-52-390K | 8 |
| Yageo | CFR-25JR-52-470K | 470K | 1/4W carbon film | 603-CFR-25JR-52470K | 8 |
| Yageo | CFR-25JR-52-1M | 1M | 1/4W carbon film | 603-CFR-25JR-521M | 8 |
| IC | 227CKS025MGM | 220 uF | lytic 25V | 598-227CKS025MGM | 8 |
| Würth | 710-860020472004 | 22 uF | lytic 25V | 860020472004 | 8 |
| Panasonic | ECA-1HM2R2B | 2.2 uF | lytic 50V | 667-ECA-1HM2R2B | 8 |
| Wima | MKS2C034701C00MSS | .47 uF | PET 20% 63VDC | 505-MKS2C034701C00MS | 4 |
| Vishay | K104M15X7RF53L2 | 0.1 uF | ceramic 50V X7R | 594-K104M15X7RF53L2 | 8 |
| Wima | MKS2D031001A00MC00 | 0.1 uF | PET 20% 100VDC | 505-MKS2D031001A00MC | 4 |
| TDK | FK26C0G1H473J | 47 nF | 50V C0G 5% | 810-FK26C0G1H473J | 2 |
| TDK | FK14C0G1H223J | 22 nF | 50V C0G 5% | 810-FK14C0G1H223J | 4 |
| TDK | FA28C0G1H472JNU00 | 4.7nF | 50V C0G 5% | 810-FA28C0G1H47200 | 4 |
| TDK | FA28C0G1H102JNU00 | 1 nF | 50V C0G 5% | 810-FA28C0G1H10200 | 4 |
| Vishay | K471J15C0GF53L2 | 470p | 50V C0G 5% | 594-K471J15C0GF53L2 | 4 |
| Vishay | K101J15C0GF53L2 | 100p | 50V C0G 5% | 594-K101J15C0GF53L2 | 4 |
| for help: https://www.facebook.com/groups/AudioBuildersWorkshop/ | | | | | |
| AES 145 NYC kits donated by Mouser | | | | | |
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