

| Qty | Description                         | Designator   | Mouser Part #        | Digikey Part # | TaydaElectronics | Price (USD) | Ext.: (USD) |
|-----|-------------------------------------|--|----------------------|----------------|------------------|-------------|-------------|
| 17  | 10uF 50V SMD 1206 Capacitor         | C1, C3, C11, C12, C14, C32, C35, C36, C39, C41, C42, C48, C51, C57, C60, C67, C71  | 80-C1206C106K4P      |                |                  | \$ 0.14     | \$ 2.36     |
| 4   | 1uF 50V SMD 1206 Capacitor          | C2, C9, C15, C24   | 187-CL31B105KBHNNNE  |                |                  | \$ 0.15     | \$ 0.60     |
| 6   | 10nF 50V SMD 1206 Capacitor         | C4, C10, C17, C28, C37, C54  | 80-C1206C103K5R7210  |                |                  | \$ 0.10     | \$ 0.60     |
| 4   | 68pF 50V SMD 1206 Capacitor         | C5, C8, C19, C21   | 80-C1206C680J5HACTU  |                |                  | \$ 0.18     | \$ 0.72     |
| 42  | 0.1uF 50V SMD 1206 Capacitor        | C6, C7, C13, C16, C18, C20, C22, C23, C25, C26, C27, C29, C30, C31, C40, C43, C45, C47, C49, C52, C53, C55, C56, C58, C59, C61, C62, C63, C64, C65, C66, C68, C70, C72, C73, C74, C75, C77, C79, C80, C83, C84 | C1206C104K5RACTU     |                |                  | \$ 0.05     | \$ 2.27     |
| 2   | 2.2nF 50V SMD 1206 Capacitor        | C33, C46   | 80-C1206C222K5RAC    |                |                  | \$ 0.10     | \$ 0.20     |
| 4   | 0.2uF 50V SMD 1206 Capacitor        | C34, C38, C44, C50   | 581-12065C204KAT4A   |                |                  | \$ 0.38     | \$ 1.52     |
| 1   | 470uF 25V Aluminum Electrolytic Cap | C69  | 667-ECA-1EM471       |                |                  | \$ 0.39     | \$ 0.39     |
| 4   | 100pF 50V SMD 1206 Capacitor        | C76, C78, C81, C82   | 80-C1206C101K5GAC    |                |                  | \$ 0.12     | \$ 0.48     |
| 2   | IQ_Out, IQ_In, 1/8" Stereo Jack     | J1, J5   | 490-SJ1-3515N        |                |                  | \$ 1.41     | \$ 2.82     |
| 2   | RF_IN, RF_OUT SMA Female            | J2, J6   | 712-CONSMA001-G      |                |                  | \$ 3.35     | \$ 6.70     |
| 1   | RFControl - IDC 2x5 Box Male Index  | J3   |                      |                | A-2939           | \$ 0.14     | \$ 0.14     |
| 1   | 12-13.8V - Molex Terminal Block     | J4   | 538-39880-4302       |                |                  | \$ 1.12     | \$ 1.12     |
| 1   | Calibration Enable - IDC 1x2        | JP4  |                      |                | A-4662/ A-5770   | \$ 0.02     | \$ 0.02     |
| 2   | AttenuatorBypass - IDC 1x2          | JP3, JP13  |                      |                | A-4662/ A-5770   | \$ 0.02     | \$ 0.04     |
| 2   | PrescalarBypass - IDC 1x2           | JP18, JP19   |                      |                | A-4662/ A-5770   | \$ 0.02     | \$ 0.04     |
| 9   | FB SMD 1206 600 Ohm 1A              | L1, L2, L3, L5, L6, L7, L8, L9, L107   | 875-HZ1206E601R-10   |                |                  | \$ 0.14     | \$ 1.26     |
| 2   | 1.5uH SMD 1206 Inductor             | L4, L10  | 81-LQM31PN1R5M00L    |                |                  | \$ 0.35     | \$ 0.70     |
| 3   | 10uH 20% SMD 1206 Inductor          | L11, L12, L13  | 81-1264EY-100MP3     |                |                  | \$ 0.47     | \$ 1.41     |
| 1   | BS170 TO-92 Transistor              | Q1   | 512-BS170            |                |                  | \$ 0.37     | \$ 0.37     |
| 2   | 2K Ohm SMD 1206 Resistor            | R1, R13  | 667-ERA-8AEB202V     |                |                  | \$ 0.59     | \$ 1.18     |
| 8   | 5.1K Ohm SMD 1206 Resistor          | R2, R3, R5, R6, R10, R11, R17, R18   | 652-CR1206JW-512ELF  |                |                  | \$ 0.10     | \$ 0.80     |
| 5   | 100 Ohm SMD 1206 Resistor           | R4, R8, R16, R22, R54  | 652-CR1206FX-1000ELF |                |                  | \$ 0.10     | \$ 0.50     |
| 14  | 10K Ohm SMD 1206 Resistor           | R7, R9, R12, R20, R21, R23, R24, R28, R30, R39, R44, R47, R53, R55   | 652-CR1206JW-103ELF  |                |                  | \$ 0.02     | \$ 0.24     |
| 1   | 36.5 Ohm SMD 1206 Resistor          | R14  | 71-CRCW120636.5-E3   |                |                  | \$ 0.10     | \$ 0.10     |
| 2   | 510 Ohm SMD 1206 Resistor           | R15, R19   | 652-CR1206FX-5100ELF |                |                  | \$ 0.10     | \$ 0.20     |
| 6   | 10K Ohm 1% SMD 1206 Resistor        | R25, R29, R32, R36, R41, R46   | 652-CR1206FX-1002ELF |                |                  | \$ 0.10     | \$ 0.60     |
| 10  | 2.2K Ohm SMD 1206 Resistor          | R26, R34, R49, R50, R51, R52, R60, R61, R62, R63   | 71-CRCW12062K20JNEAC |                |                  | \$ 0.04     | \$ 0.36     |
| 4   | 49.9 Ohm 1% SMD 1206 Resistor       | R27, R33, R38, R43   | 71-CRCW120649R9FKEAC |                |                  | \$ 0.10     | \$ 0.40     |
| 2   | 2.2K Ohm 1% SMD 1206 Resistor       | R31, R45   | 652-CR1206FX-2201ELF |                |                  | \$ 0.10     | \$ 0.20     |
| 2   | 3.3K Ohm SMD 1206 Resistor          | R35, R37   | 71-CRCW1206-3.3K-E3  |                |                  | \$ 0.10     | \$ 0.20     |
| 2   | 0 Ohm SMD 1206 Resistor             | R40, R42   | 71-CRCW12060000Z0EAC |                |                  | \$ 0.10     | \$ 0.20     |
| 2   | 100K Ohm SMD 1206 Resistor          | R48, <b>R73</b>  | 71-CRCW1206100KFKEAC |                |                  | \$ 0.10     | \$ 0.20     |
| 1   | 1.8K Ohm SMD 1206 Resistor          | R56  | 652-CR1206FX-1801ELF |                |                  | \$ 0.10     | \$ 0.10     |
| 1   | 330 Ohm SMD 1206 Resistor           | R57  | 652-CR1206FX-3300ELF |                |                  | \$ 0.10     | \$ 0.10     |

