| AN   | Designator   | Description  |
|--|--|--|
| A03-0075   | B1   | 2,4GHz FilterBalun, SMD 1.25x2.0mm (de26949  |
| A01-0354   | C11  | Ceramic capacitor, SMD 0402, NP0, 50V, +/-5% (de19768)   |
| A01-0354   | C12  | Ceramic capacitor, SMD 0402, NP0, 50V, +/-5% (de19768)   |
|  |  | ,  |
| A01-0004   | C23  | Ceramic capacitor, SMD 0402, NP0, 50V, +/-0.2<br>Ceramic capacitor, SMD 0402, NP0, 50V, +/-5%  |
| A01-0354   | C24  | (de19768)<br>Ceramic capacitor, SMD 0402, NP0, 50V, +/-5%  |
| A01-0354   | C25  | (de19768)  Ceramic capacitor, SMD 0402, NP0, 50V, +/-5%  |
| A01-0354   | C28  | (de19768)<br>Ceramic capacitor, SMD 0402, NP0, 50V, +/-5%  |
| A01-0354   | C29  | (de19768)  Ceramic capacitor, SMD 0402, X7R, 16V, +/-109   |
| A01-0352   | C30  | (de19761)  |
| A01-0352   | C31  | Ceramic capacitor, SMD 0402, X7R, 16V, +/-109 (de19761)  |
| A01-0352   | C32  | Ceramic capacitor, SMD 0402, X7R, 16V, +/-109 (de19761)  |
| A01-0352   | C33  | Ceramic capacitor, SMD 0402, X7R, 16V, +/-10 <sup>o</sup><br>(de19761)   |
| A01-0352   | C34  | Ceramic capacitor, SMD 0402, X7R, 16V, +/-109 (de19761)  |
| A01-0286   | C35  | Ceramic capacitor, SMD 0402, X5R, 6.3V, +/-10  |
|  |  |  |
| A01-0286   | C36  | Ceramic capacitor, SMD 0402, X5R, 6.3V, +/-10 Ceramic capacitor, SMD 0402, NP0, 50V, +/-5%   |
| A01-0356   | C37  | (de16674)<br>Ceramic capacitor, SMD 0402, NP0, 50V, +/-5%  |
| A01-0356   | C38  | (de16674) Ceramic capacitor, SMD 0402, X7R, 16V, +/-109  |
| A01-0352   | C39  | (de19761)<br>Ceramic capacitor, SMD 0402, NP0, 50V, +/-0.2   |
| A01-0351<br>A04-0066   | C40<br>D1  | (de23847)<br>3V9/3W SMD zener, SMA (de19514)   |
|  |  | Fiducial point for PCB coordinates 1.5mm pad a   |
| A08-0065   | E1   | 3mm hole in mask Fiducial point for PCB coordinates 1.5mm pad a  |
| A08-0065<br>A02-0563   | E2<br>F1   | 3mm hole in mask PolySwitch Resettable fuse 0.2A, 30V (de2229)   |
| A08-0866   | J3   | Jumper cap for 2.54mm pinheader (de3561)   |
| A08-0860   | JP1  | Pin Header 1x2, 2,54mm THM (de4428)<br>SMD-Ferrite 220Ohm, 100MHz 0603 size,   |
| A03-0072   | L1   | (de14411) Label for use on wireless PCBA that needs 64 b   |
| A09-0847<br>A08-1061   | LABEL1<br>PCB1                                       | MAC and FCC ID  Bare PCB for RF233 w/ SMA and diversity  |
| A07-0054   | Q1   | 16MHz SX-4025, 4 x 2.5 mm SMD 10ppm<br>(de19513)   |
| A02-0562   | R5   | Thick film resistor, SMD 0603, 1/10W, 1% (de99   |
|  |  |  |
| A02-0562   | R7   | Thick film resistor, SMD 0603, 1/10W, 1% (de99 Thick film resistor, SMD 0402, 1/16W, 1%  |
| A02-0560   | R8   | (de23848)  |
| A02-0562   | R10  | Thick film resistor, SMD 0603, 1/10W, 1% (de99   |
| A02-0562   | R12  | Thick film resistor, SMD 0603, 1/10W, 1% (de99   |
| A02-0562   | R14  | Thick film resistor, SMD 0603, 1/10W, 1% (de99 Thick film resistor, SMD 0402, 1/16W, 1%  |
| A02-0560   | R15  | (de23848)  |
| A02-0562   | R17  | Thick film resistor, SMD 0603, 1/10W, 1% (de99   |
| A02-0562   | R19  | Thick film resistor, SMD 0603, 1/10W, 1% (de99   |
| A02-0562   | R21  | Thick film resistor, SMD 0603, 1/10W, 1% (de99   |
| A02-0562   | R23  | Thick film resistor, SMD 0603, 1/10W, 1% (de99   |
| A02-0561   |  | Thick film resistor, SMD 0402, 1/16W, 1%   |
| p 102 000 i  | R24  | (de23849)  |
|  |  | Thick film resistor, SMD 0402, 1/16W, 1%   |
| A02-0559   | R25  | Thick film resistor, SMD 0402, 1/16W, 1% (de19764) Thick film resistor, SMD 0402, 1/16W, 1%  |
| A02-0559<br>A02-0561   | R25  | Thick film resistor, SMD 0402, 1/16W, 1% (de 19764) Thick film resistor, SMD 0402, 1/16W, 1% (de23849) Thick film resistor, SMD 0402, 1/16W, 1%  |
| A02-0559<br>A02-0561<br>A02-0567   | R25<br>R26<br>R27                                    | Thick film resistor, SMD 0402, 1/16W, 1% (de 19764) Thick film resistor, SMD 0402, 1/16W, 1% (de23849) Thick film resistor, SMD 0402, 1/16W, 1% (de13875) Thick film resistor, SMD 0402, 1/16W, 1%   |
| A02-0559<br>A02-0561<br>A02-0567<br>A02-0567   | R25<br>R26<br>R27<br>R28                             | Thick film resistor, SMD 0402, 1/16W, 1% (de 19764) Thick film resistor, SMD 0402, 1/16W, 1% (de23849) Thick film resistor, SMD 0402, 1/16W, 1% (de13875) Thick film resistor, SMD 0402, 1/16W, 1% (de13875) Thick film resistor, SMD 0402, 1/16W, 1% Thick film resistor, SMD 0402, 1/16W, 1%   |
| A02-0559<br>A02-0561<br>A02-0567   | R25<br>R26<br>R27<br>R28<br>R29                      | Thick film resistor, SMD 0402, 1/16W, 1% (de 19764) Thick film resistor, SMD 0402, 1/16W, 1% (de23849) Thick film resistor, SMD 0402, 1/16W, 1% (de 13875) Thick film resistor, SMD 0402, 1/16W, 1% (de 13875)   |
| A02-0559 A02-0561 A02-0567 A02-0567 A02-0568 A02-0568  | R25<br>R26<br>R27<br>R28<br>R29                      | Thick film resistor, SMD 0402, 1/16W, 1% (de 19764) Thick film resistor, SMD 0402, 1/16W, 1% (de23849) Thick film resistor, SMD 0402, 1/16W, 1% (de13875) Thick film resistor, SMD 0402, 1/16W, 1% (de13875) Thick film resistor, SMD 0402, 1/16W, 1% (de2048) Thick film resistor, SMD 0402, 1/16W, 1% (de20048)  |
| A02-0559 A02-0561 A02-0567 A02-0567 A02-0568   | R25<br>R26<br>R27<br>R28<br>R29                      | Thick film resistor, SMD 0402, 1/16W, 1% (de 19764) Thick film resistor, SMD 0402, 1/16W, 1% (de23849) Thick film resistor, SMD 0402, 1/16W, 1% (de13875) Thick film resistor, SMD 0402, 1/16W, 1% (de13875) Thick film resistor, SMD 0402, 1/16W, 1% (de18875) Thick film resistor, SMD 0402, 1/16W, 1% (de20048) Thick film resistor, SMD 0402, 1/16W, 1% (de20048) Thick film resistor, SMD 0402, 1/16W, 1% (de2MB) Thick film resistor, SMD 0402, 1/16W, 1% (de2MB) Thick film resistor, SMD 0402, 1/16W, 1% (de2MB)   |
| A02-0559 A02-0561 A02-0567 A02-0568 A02-0568 A02-0568 A02-0172   | R25<br>R26<br>R27<br>R28<br>R29<br>R30<br>R32        | Thick film resistor, SMD 0402, 1/16W, 1% (de 19764) Thick film resistor, SMD 0402, 1/16W, 1% (de23849) Thick film resistor, SMD 0402, 1/16W, 1% (de13875) Thick film resistor, SMD 0402, 1/16W, 1% (de13875) Thick film resistor, SMD 0402, 1/16W, 1% (de20048)   |
| A02-0559 A02-0561 A02-0567 A02-0567 A02-0568 A02-0568 A02-0172 A08-0960  | R25 R26 R27 R28 R29 R30 R32 SH1                      | Thick film resistor, SMD 0402, 1/16W, 1% (de 19764) Thick film resistor, SMD 0402, 1/16W, 1% (de23849) Thick film resistor, SMD 0402, 1/16W, 1% (de13875) Thick film resistor, SMD 0402, 1/16W, 1% (de13875) Thick film resistor, SMD 0402, 1/16W, 1% (de13875) Thick film resistor, SMD 0402, 1/16W, 1% (de20048) Thick film resistor, SMD 0402, 1/16W, 1% (de20048) Thick film resistor, SMD 0402, 1/16W, 1% (de20048) Thick film resistor, SMD 0402, 1/16W, 1% EMI Shield Frame 25x30x3mm (de26517) PHEMT SPDT Analog SWITCH, 0,1-3 GHz   |
| A02-0559 A02-0561 A02-0567 A02-0567 A02-0568 A02-0568 A02-0172 A08-0960 A06-0581   | R25 R26 R27 R28 R29 R30 R32 SH1                      | Thick film resistor, SMD 0402, 1/16W, 1% (de 19764) Thick film resistor, SMD 0402, 1/16W, 1% (de23849) Thick film resistor, SMD 0402, 1/16W, 1% (de23849) Thick film resistor, SMD 0402, 1/16W, 1% (de13875) Thick film resistor, SMD 0402, 1/16W, 1% (de13875) Thick film resistor, SMD 0402, 1/16W, 1% (de20048) Dual Inverter ULP-A, NC7WV04P6X_NL, SC70-(de23869) Dual Inverter ULP-A, NC7WV04P6X_NL, SC70-(de23860) 2.4GHz Transceiver  |
| A02-0559 A02-0561 A02-0567 A02-0567 A02-0568 A02-0568 A02-0172 A08-0960 A06-0581 A06-0582  | R25 R26 R27 R28 R29 R30 R32 SH1 U1                   | Thick film resistor, SMD 0402, 1/16W, 1% (de 19764) Thick film resistor, SMD 0402, 1/16W, 1% (de 23849) Thick film resistor, SMD 0402, 1/16W, 1% (de 23849) Thick film resistor, SMD 0402, 1/16W, 1% (de 13875) Thick film resistor, SMD 0402, 1/16W, 1% (de 13875) Thick film resistor, SMD 0402, 1/16W, 1% (de 20048) Thick film resistor, SMD 0402, 1/16W, 1% (de 20048) Thick film resistor, SMD 0402, 1/16W, 1% (de 203859) DHEMT SPDT Analog SWITCH, 0,1-3 GHz (de 23850) Dual Inverter ULP-A, NC7WV04P6X_NL, SC70-(de 23860) 2.4GHz Transceiver Dual 2-Input OR gate, ULP, NC7WP32K8X, US-(de 23861)  |
| A02-0559 A02-0561 A02-0567 A02-0567 A02-0568 A02-0568 A02-0172 A08-0960 A06-0581 A06-0582 A06-0617   | R25 R26 R27 R28 R29 R30 R32 SH1 U1 U2                | Thick film resistor, SMD 0402, 1/16W, 1% (de 19764) Thick film resistor, SMD 0402, 1/16W, 1% (de 23849) Thick film resistor, SMD 0402, 1/16W, 1% (de 23849) Thick film resistor, SMD 0402, 1/16W, 1% (de 13875) Thick film resistor, SMD 0402, 1/16W, 1% (de 3875) Thick film resistor, SMD 0402, 1/16W, 1% (de 20048) Thick film resistor, SMD 0402, 1/16W, 1% (de 20048) Thick film resistor, SMD 0402, 1/16W, 1% (de 20048) Thick film resistor, SMD 0402, 1/16W, 1% (de 20048) Thick film resistor, SMD 0402, 1/16W, 1% (de 20058) Dual Shield Frame 25x30x3mm (de 26517) PHEMT SPDT Analog SWITCH, 0,1-3 GHz (de 23859) Dual Inverter ULP-A, NCTWV04P6X_NL, SC70-(de 23860) 2.4GHz Transceiver Dual 2-Input OR gate, ULP, NCTWP32K8X, US-(de 23861) Tkbit Serial EEPROM, AT25010B-MAHL-T, 1.8 Ultra Thin UDFN-8 (de 200551)   |
| A02-0559 A02-0561 A02-0567 A02-0567 A02-0568 A02-0568 A02-0172 A08-0960 A06-0581 A06-0562 A06-0562   | R25 R26 R27 R28 R29 R30 R32 SH1 U1 U2 U3             | Thick film resistor, SMD 0402, 1/16W, 1% (de 19764) Thick film resistor, SMD 0402, 1/16W, 1% (de23849) Thick film resistor, SMD 0402, 1/16W, 1% (de23849) Thick film resistor, SMD 0402, 1/16W, 1% (de13875) Thick film resistor, SMD 0402, 1/16W, 1% (de3675) Thick film resistor, SMD 0402, 1/16W, 1% (de20048) Thick film resistor, SMD 0402, 1/16W, 1% (de20686) Dual Inverter ULP-A, NCTWV04P6X_NL, SC70-(de23860) 2.4GHz Transceiver Dual 2-Input OR gate, ULP, NCTWP32K8X, US-(de23861) 1kbit Serial EEPROM, AT25010B-MAHL-T, 1.8 Ultra Thin UDFN-8 (de30551) Dual Inverter ULP-A, NCTWV04P6X_NL, SC70-(de23860)   |
| A02-0559 A02-0561 A02-0567 A02-0567 A02-0568 A02-0568 A02-0172 A08-0960 A06-0581 A06-0582 A06-0562 A06-0583                                    | R25 R26 R27 R28 R29 R30 R32 SH1 U1 U2 U3 U4          | Thick film resistor, SMD 0402, 1/16W, 1% (de 19764) Thick film resistor, SMD 0402, 1/16W, 1% (de:23849) Thick film resistor, SMD 0402, 1/16W, 1% (de:23849) Thick film resistor, SMD 0402, 1/16W, 1% (de:13875) Thick film resistor, SMD 0402, 1/16W, 1% (de:13875) Thick film resistor, SMD 0402, 1/16W, 1% (de:20048) Thick film resistor, SMD 0402, 1/16W, 1% (de:20048) Thick film resistor, SMD 0402, 1/16W, 1% (EMISHED FIRM) EMI Shield Frame 25x30x3mm (de:26517) PHEMT SPDT Analog SWITCH, 0,1-3 GHz (de:23859) Dual Inverter ULP-A, NC7WV04P6X_NL, SC70-(de:23860) 2.4GHz Transceiver Dual 2-Input OR gate, ULP, NC7WP32K8X, US-(de:23861) 1kbit Serial EEPROM, AT25010B-MAHL-T, 1.8-Ultra Thin UDFN-8 (de:30551) Dual Inverter ULP-A, NC7WV04P6X_NL, SC70-(de:23860) 2x20 pin header, right angle, 2.54 mm pitch, through-hole (de:19512)   |
| A02-0559 A02-0561 A02-0567 A02-0567 A02-0568 A02-0568 A02-0172 A08-0960 A06-0581 A06-0582 A06-0562 A06-0583 A06-0582 A06-0582 A08-0865 A08-047 | R25 R26 R27 R28 R29 R30 R32 SH1 U1 U2 U3 U4 U5 U6 X1 | Thick film resistor, SMD 0402, 1/16W, 1% (de 19764) Thick film resistor, SMD 0402, 1/16W, 1% (de23849) Thick film resistor, SMD 0402, 1/16W, 1% (de23849) Thick film resistor, SMD 0402, 1/16W, 1% (de 13875) Thick film resistor, SMD 0402, 1/16W, 1% (de13875) Thick film resistor, SMD 0402, 1/16W, 1% (de20048) Thick film resistor, SMD 0402, 1/16W, 1% (de2048) Thick film resistor, SMD 0402, 1/16W, 1% (de2062061) Thick film resistor, SMD 0402, 1/16W, 1% (de20648) Thick film resistor, SMD 0402, 1/16W, 1% ( |
| A02-0559 A02-0561 A02-0567 A02-0568 A02-0568 A02-0568 A02-0172 A08-0960 A06-0581 A06-0582 A06-0583 A06-0582 A06-0582 A08-0865                  | R25 R26 R27 R28 R29 R30 R32 SH1 U1 U2 U3 U4 U5       | Thick film resistor, SMD 0402, 1/16W, 1% (de 19764) Thick film resistor, SMD 0402, 1/16W, 1% (de:23849) Thick film resistor, SMD 0402, 1/16W, 1% (de:23849) Thick film resistor, SMD 0402, 1/16W, 1% (de:13875) Thick film resistor, SMD 0402, 1/16W, 1% (de:13875) Thick film resistor, SMD 0402, 1/16W, 1% (de:20048) Thick film resistor, SMD 0402, 1/16W, 1% (de:20048) Thick film resistor, SMD 0402, 1/16W, 1% (EMISHED FIRM) EMI Shield Frame 25x30x3mm (de:26517) PHEMT SPDT Analog SWITCH, 0,1-3 GHz (de:23859) Dual Inverter ULP-A, NC7WV04P6X_NL, SC70-(de:23860) 2.4GHz Transceiver Dual 2-Input OR gate, ULP, NC7WP32K8X, US-(de:23861) 1kbit Serial EEPROM, AT25010B-MAHL-T, 1.8-Ultra Thin UDFN-8 (de:30551) Dual Inverter ULP-A, NC7WV04P6X_NL, SC70-(de:23860) 2x20 pin header, right angle, 2.54 mm pitch, through-hole (de:19512)   |