





















Bern Designator Comment Country Footprint	Bill Of Materials	A			В
1 B-1-66 SS-35U-1000P 6 BIU-1000P		Designator	Comment	Quantity	Footprint
C. C. C. C. C. C. C. C.		-		-	
3					
4					
S					
6 C24, C30, C31 8 8 3 CAPC1608008 7 C33, C34 12, 55 2 2 CAPC1608008 8 C35 0.7 p 1 CAPC1608008 9 C46 10p 1 CAPC1608008 10 C8 120h 1 CAPC1608008 11 CAPC16080					
T					
B					
9 C46 100 C8 120n 1 CAPC1608X98 11 CAPC1608X98 12 CAPC1608X98 12 CAPC1608X98 13 D2 D3 S14 2 D0-214AC D51, D52, D56, D59, D51 D51, D53 CAPC1608X91 2 LTST-C1901KRT V LTST-C1		· ·	·		
10			·		
11			·		
12					
13					
14					
15		-			
16		1			
17			LTST-C190KGKT		LITE-ON-LTST-C190GKT-2_V
18	16	DS3, DS7	LTST-C190TBKT		LTST-C190TBKT-2_V
19	17	DS4, DS8	LTST-C190KSKT	2	LTST-C190KSKT_V
20	18	E1	ANT-868-CHP-T	1	ANT-868-916-CHP
21	19	E2	2450AT45A100E	1	Antenne 2.4ghz Ceramique
22	20	J1-J3	U.FL-R-SMT-1	3	U.FL-R-SMT-1
23	21	J4	10118194	1	10118194-0001LF
24 L7 2.2 u 1 TDK-IND0805-125_V 25 M1-M6 1mm 6 Losange-Inm 26 P1 Header 6 1 HDR1X6 27 P2 20021121-00010C4LF 1 PCBComponent 28 P3, P4 PMOD 6x2 2 PMOD SMD Header 6x2 29 P5, P6 Header 2H 2 HDR1X2H 30 R1, R3, R6-R8, R10 150 6 R5SC1608X06 31 R12, R14-R18, R22-R27 10k 12 RESC1608X06 32 R21 100k 1 RESC1608X06 33 R28 100K 1 RESC1608X06 34 R29 330 1 RESC1608X06 35 R31, R32 10M 2 RESC1608X06 36 R30, R33, R34 2k 3 RESC1608X06 37 R35-R38 780 4 RESC1608X06 38 R4, R9 15 2 RESC1608X06	22	L1, R5, R13	0	3	INDC1608X08
25 M1-M6 1mm 6 Losange-1mm 26 P1 Header 6 1 HDR1X6 27 P2 20021121-001004LF 1 PCBComponent 28 P3, P4 PMOD 6x2 2 PMOD 5MD Header 6x2 29 P5, P6 Header 2H 2 HDR1X2H 30 R1, R3, R6-R8, R10 150 6 RESC1608X06 31 R12, R14-R18, R22-R27 10k 12 RESC1608X06 32 R21 100k 1 RESC1608X06 33 R28 100K 1 RESC1608X06 34 R29 330 1 RESC1608X06 35 R31, R32 10M 2 RESC1608X06 36 R30, R33, R34 2k 3 RESC1608X06 37 R35-R38 780 4 RESC1608X06 38 R4, R9 15 2 RESC1608X06 39 TP1-TP22 5015 22 5015	23	L4	5.1n	1	INDC1608X08
25 M1-M6 1mm 6 Losange-1mm 26 P1 Header 6 1 HDR1X6 27 P2 20021121-001004LF 1 PCBComponent 28 P3, P4 PMOD 6x2 2 PMOD 5MD Header 6x2 29 P5, P6 Header 2H 2 HDR1X2H 30 R1, R3, R6-R8, R10 150 6 RESC1608X06 31 R12, R14-R18, R22-R27 10k 12 RESC1608X06 32 R21 100k 1 RESC1608X06 33 R28 100K 1 RESC1608X06 34 R29 330 1 RESC1608X06 35 R31, R32 10M 2 RESC1608X06 36 R30, R33, R34 2k 3 RESC1608X06 37 R35-R38 780 4 RESC1608X06 38 R4, R9 15 2 RESC1608X06 39 TP1-TP22 5015 22 5015	24	L7	2.2 u	1	TDK-IND0805-125 V
26 P1 Header 6 1 HRRIX6 27 P2 20021121-000110C4LF 1 PCBComponent 28 P3, P4 PMOD 6x2 2 PMOD SMD Header 6x2 29 P5, P6 Header 2H 2 HDR1X2H 30 R1, R3, R6-R8, R10 150 6 RESC1608X06 31 R12, R14-R18, R22-R27 10k 12 RESC1608X06 32 R21 100K 1 RESC1608X06 33 R28 100K 1 RESC1608X06 34 R29 330 1 RESC1608X06 35 R31, R32 10M 2 RESC1608X06 36 R30, R33, R34 2k 3 RESC1608X06 37 R35-R38 780 4 RESC1608X06 38 R4, R9 15 2 RESC1608X06 39 TP1-TP22 5015 22 5015 40 U1 BME680 1 LGA-8-30330x99		M1-M6		6	Losange-1mm
27 P2 20021121-00010C4LF 1 PCBComponent 28 P3, P4 PMOD 6x2 2 PMOD SMD Header 6x2 29 P5, P6 Header 2H 2 HDR1X2H 30 R1, R3, R6-R8, R10 150 6 RESC1608X06 31 R12, R14-R18, R22-R27 10k 12 RESC1608X06 32 R21 100k 1 RESC1608X06 33 R28 100K 1 RESC1608X06 34 R29 330 1 RESC1608X06 35 R31, R32 10M 2 RESC1608X06 36 R30, R33, R34 2k 3 RESC1608X06 37 R35-R38 780 4 RESC1608X06 38 R4, R9 15 2 RESC1608X06 39 TP1-TP22 5015 22 5015 40 U1 BME680 1 LGA-8-30x30x09 41 U2 BNO055 1 BOSC-LGA-28_N					
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49 X2 ABS07-32.768KHz-T 1 ABRA-ABS07-2_V	47	U8	TPS62291DRVT	1	DRV0006A_V
	48	X1	CX2520DB32000D0GEJZ1	1	AVX- CX2520DB32000D0GEJZ1-4_V
A	49	X2	ABS07-32.768KHz-T	1	_
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