

SIM300 BOM List

No	priority	part number	part type	part description	amount	part location number
1	A	1100071007	MCR01-MZS-J-000	Resistor 0R(0402)	8	R1001,R1003,R2003,R2006,R2103, R507,R505, R1029
	B	1100071767	CR1/16S 000J V			
2	A	1100719007	MCR01MZSJ222	Resistor 2.2K(0402)	2	R2004,R2005
3	A	1100059007	MCR01-MZS-J-104	Resistor 100K(0402)	4	R2002,R501,R503,R504
	B	1100059767	CR1/16S104 J V			
4	A	1100758708	NCP15XH103F03RC	10K NTC Resistor	1	R2015
5	A	1210818708	GRM1555C1H160JZ01	Capacitor 16pF(0402)	3	C2004,C2021,C2023
6	A	1210734702	CM05CG220J50AH	Capacitor 22pF(0402)	6	C2011, C1004,C1017- 1018,C1012,C1038
	B	1210734111	C1005C0G1H220JT			
7	A	1210738111	C1005C0G1H470JT	Capacitor 47pF(0402)	5	C1001,C1068,C1022,C1029,C1030
	B	1210738702	CM05CG470J50AH			
8	A	1210828708	GRM1555C1H750JZ01D	Capacitor 75pF(0402)	10	C2017,C2018,C2022,C2024,C2025, C2026,C2027, C2028,C2031,C2032
9	A	1210754702	CM05X7R103K16AH	Capacitor 10nF(0402)	5	C2034, C1040,C1069,C1054,C1050
	B	1210754111	C1005X7R1E103KT			
10	A	1210757702	CM5X5R104K10AH	Capacitor 100nF(0402)	21	C2001- 2003,C2005,C2016,C2019,C2036,C 2101, C1070,C1058,C1026- 1028,C1047,C1051,C1052,
	B	1210757111	C1005X5R1A104KT			
11	A	1210762702	CM105X5R225K06AT	Capacitor 2.2uF(0603)	4	C2008,C2012,C2014, C501
	B	1210762111	C1608X5R0J225KT			
12	A	1210824775	JDK107BJ106MA-T	0603-X5R-4V-10U-K	3	C1033-1035
13	A	9000002019	GRM21BF51C106ZE15L	Capacitor 0805-16V/10uF	1	C503
	B	9000002631	GRM21BF51A106ZE15L	Capacitor 0805-10V/10uF		
14	A	1210836706	595D686X06R3A2T	Capacitor CAP1206,68uF	2	C1011,C1055
	B	1210836152	F950J686MAAAQ2			

15	A	1430716708	BLM15AG121SN1	EMI FILTER(0402)	1	L1046
16	A	1340783785	SMF05CT1	ESD protector	2	FV501,FV502
	B	1340716774	ESDA6V1-5W6			
17	A	9000001405	AD6720ABCZ-RL	Baseband processor	1	U20
18	A	9000002004	S71PL032J08BFW0B0	32Mflash+8Msram	1	U202
	B	9000002421	S71PL032JA0BFWQF0	FLASH(32+16)		
19	A	1340797771	HD155166BPEB	RF Transcevier IC	1	U4001
20	A	9000001461	PF08155B	Power Amplifier	1	U2
21	A	1340795771	HWXQ523	FEM	1	U4002
22	A	1310710711	XC6401FF35DR	LDO	1	U4006
	B	1310711711	XC6401FF35ER			
23	A	1420711788	VT-R32250FR-26.000	26Mhz VCTCXO	1	U4
24	A	1420707766	MS3V-T1R-32.768kHz--12.5pF-30ppm	32K Crystal	1	X201
	B	1420708093	SSP-T7			
25	A	1620716708	MM9329-2700B	RF connector	1	J1
26	A	1621010232	1009-G60N-01R	60PIN connector(female)	1	J501
27	A	1410006111	MLK1005S6N8DT	Inductor 6.8nH (0402)	1	L1010
28	A	2400750079	SIM300_COVER	SIM300_COVER	1	
29	A	2400794079	SIM300_1_FRAME	SIM300_1_FRAME	1	
30	A	1210742111	C1005C0G1H101JT	Capacitor 100pF(0402)	1	C1020
	B	1210742702	CM05CG101J50AH			
31	A	9000002284	SIM300_PCB_V7.02	PCB	1	
	B	9000002285				