



Bill of Material S212 v1.1 PC Board

Item	Quantity	Schematic Reference	Description	Pour 210 cartes	Livré à KEP	A relivrer à KEP
1	2	C1,C2	Capacitor 10uF 10% 16v Tantale low ESR SMT 1210	420	450	
2	5	C3,C12,C33,C55,C77	Capacitor 4.7uF 6,3v 20% X5R SMT 0603	1050	3500	
3	48	C5,C6,C7,C9,C11,C13,C15,C16,C17,C18,C19,C22,C24,C27,C28,C30,C32,C34,C36,C38,C39,C40,C41,C44,C46,C49,C50,C52,C54,C56,C58,C60,C61,C62,C63,C66,C68,C71,C72,C74,C76,C78,C80,C82,C83,C84,C85,C88	Capacitor 0.1uF 10v 10% X7R SMT 0603	10080	1600	8480
4	8	C8,C10,C29,C31,C51,C53,C73,C75	Capacitor 18pF 25v 10% NPO SMT 0603	1680	3600	
5	12	C14,C20,C21,C35,C42,C43,C57,C64,C65,C79,C86,C87	Capacitor 1.0uF 16v 10% X5R SMT 0603	2520	3500	
6	12	C23,C25,C26,C37,C45,C47,C48,C59,C67,C69,C70,C81	Capacitor 100uF 6,3v Low ESR 20% Aluminium Radial SMT 5x5,8	2520	640	1880
7	1	JP1	Molex SDA-41792-0004	210	12	198
8	1	JP2	Strap Fil de cuivre 1,5mm2	210		
9	1	JP3	Würth Elektronik WR-PHD Mâle	210	0	210
10	1	JP4	Würth Elektronik WR-PHD Femelle	210	240	
11	1	J0	USB Connector 5 pins Mini B Receptacle SMT	210	220	
12	12	J3,J4,J5,J6,J7,J8,J9,J10,J11,J12,J13,J14	PRECI-DIP 811-S1-004-10-014101	2520	995	1525
13	2	R1,R7	Resistor 330 ohms 5% 1/16W SMT 0603	420	4000	
14	16	R2,R17,R18,R19,R24,R37,R38,R39,R44,R57,R58,R59,R64,R77,R78,R79	Resistor 10K 5% 1/16W SMT 0603	3360	3000	360

15	12	R22,R23,R27,R28,R42,R43,R47,R48,R62,R63,R67,R68	Resistor 47K 5% 1/16W SMT 0603	2520	0	2520
16	24	R6,R8,R9,R10,R15,R16,R25,R26,R29,R30,R35,R36,R45,R46,R49,R50,R55,R56,R65,R66,R69,R70,R75,R76	Resistor 100K 5% 1/16W SMT 0603	5040	4000	1040
17	4	R20,R40,R60,R80	Resistor 12.0K 1% 1/16W SMT 0603	840	2800	
18	4	R21,R41,R61,R81	Resistor 1M 5% 1/16W SMT 0603	840	2000	
19	1	U1	Voltage regulator 3,3v LT1086 SMT TO-263	210	250	
20	4	U2,U5,U9,U13	USB Hub Controler USB2514B SMT QFN36 6x6	840	1000	
21	6	U4,U6,U8,U10,U12,U14	Power Switch MIC2026-1 SMT SO8	1260	1300	
22	4	Y1,Y2,Y3,Y4	Crystal 24.000MHz 50ppm 18pf HC-49US	840	112	728