

CP183U (RDA1846S+RQA0010) (465MHz) V2.2 BOM

Rev.08

ITEM	NAME & DESCRIPTION	VENDOR CODE	MAKER	CP183U	
				Location NO	Q'TY
1	CAP.CERAMIC CHIP 2pF ±0.25pF 0402	GRM1555C1H2R0CZ01D	Murata	C15 C47	2
2	CAP.CERAMIC CHIP 3pF ±0.25pF 0402	GRM1555C1H3R0CZ01D	Murata	C2	1
3	CAP.CERAMIC CHIP 4pF ±0.25pF 0402	GRM1555C1H4R0CZ01D	Murata	C5 C52	2
4	CAP.CERAMIC CHIP 5pF ±0.25pF 0402	GRM1555C1H5R0CZ01D	Murata	C14 C41	2
5	CAP.CERAMIC CHIP 6pF ±0.25pF 0402	GRM1555C1H6R0CZ01D	Murata	C12 C57 C70	3
6	CAP.CERAMIC CHIP 8pF ±0.25pF 0402	GRM1555C1H8R0CZ01D	Murata	C4	1
7	CAP.CERAMIC CHIP 10pF ±5% 0402	GRM1555C1H100JZ01D	Murata	C10 C25 C64	3
8	CAP.CERAMIC CHIP 12pF ±5% 0402	GRM1555C1H120JZ01D	Murata	C7	1
9	CAP.CERAMIC CHIP 18pF ±5% 0402	GRM1555C1H180JZ01D	Murata	C40 C93	2
10	CAP.CERAMIC CHIP 22pF ±5% 0402	GRM1555C1H220JZ01D	Murata	C17 C31 C56	3
11	CAP.CERAMIC CHIP 33pF ±5% 0402	GRM1555C1H330JZ01D	Murata	C6	1
12	CAP.CERAMIC CHIP 47pF ±5% 0402	GRM1555C1H470JZ01D	Murata	C81	1
13	CAP.CERAMIC CHIP 100pF ±5% 0402	GRM1555C1H101JZ01D	Murata	C1 C3 C9 C11 C18 C19 C23 C30 C35 C37 C38 C42 C43 C44 C46 C51 C54 C66 C67 C76 C80 C85 C86 C90 C92	25
14	CAP.CERAMIC CHIP 1nF ±10% 0402	GRM155R71H102KA01D	Murata	C26	1
15	CAP.CERAMIC CHIP 4.7nF ±10% 0402	GRM155R71H472KA01D	Murata	C87	1
16	CAP.CERAMIC CHIP 10nF ±10% 0402	GRM155R71H103KA88D	Murata	C34 C75 C78 C89	4
17	CAP.CERAMIC CHIP 47nF ±10% 0402	GRM155R71E473KA88D	Murata	C22 C82	2
18	CAP.CERAMIC CHIP 100nF ±10% 0402	GRM155R71C104KA88D	Murata	C8 C13 C20 C21 C27 C28 C29 C32 C33 C36 C39 C45 C48 C53 C55 C58 C62 C65 C68 C69 C71 C73 C77 C84 C88 C91	26
19	CAP.CERAMIC CHIP 1uF ±10% 0402	GRM155R61A105KE15D	Murata	C49 C50 C72 C83	4
20	CAP.CERAMIC CHIP 10uF ±10% 0805	GRM21BR61A106KE19L	Murata	C59 C61	2
21	TANTALUM ELEC. CHIP CAP P	TMCP0J226MTRF(22u/6.3V)	HITACHI	C24	1
22	TANTALUM ELEC. CHIP CAP A	TMCA1C106MTRF(10u/16V)	HITACHI	C60	1
23	TANTALUM ELEC. CHIP CAP C	TMCMC1C107MTRF(100u/10V)	HITACHI	C79	1
24	RES. CHIP 0 ohm ±5% 1/16W 0402	CR 1/16 000 JT	Samsung	R10	1
25	RES. CHIP 4.7 ohm ±5% 1/16W 0402	CR 1/16 4R7 JT	Samsung	R37 R38	2
26	RES. CHIP 10 ohm ±5% 1/16W 0402	CR 1/16 100 JT	Samsung	R22	1
27	RES. CHIP 100 ohm ±5% 1/16W 0402	CR 1/16 101 JT	Samsung	R7	1
28	RES. CHIP 220 ohm ±5% 1/16W 0402	CR 1/16 221 JT	Samsung	R1 R48	2
29	RES. CHIP 270 ohm ±5% 1/16W 0402	CR 1/16 271 JT	Samsung	R31	1
30	RES. CHIP 470 ohm ±5% 1/16W 0402	CR 1/16 471 JT	Samsung	R34	1
31	RES. CHIP 560 ohm ±5% 1/16W 0402	CR 1/16 561 JT	Samsung	R4	1
32	RES. CHIP 680 ohm ±5% 1/16W 0402	CR 1/16 681 JT	Samsung	R2 R41	2
33	RES. CHIP 1K ohm ±5% 1/16W 0402	CR 1/16 102 JT	Samsung	R16 R32	2
34	RES. CHIP 2.2K ohm ±5% 1/16W 0402	CR 1/16 222 JT	Samsung	R36	1
35	RES. CHIP 3.3K ohm ±5% 1/16W 0402	CR 1/16 332 JT	Samsung	R33	1
36	RES. CHIP 4.7K ohm ±5% 1/16W 0402	CR 1/16 472 JT	Samsung	R18 R26 R35	3
37	RES. CHIP 5.6K ohm ±5% 1/16W 0402	CR 1/16 562 JT	Samsung	R43	1
38	RES. CHIP 10K ohm ±5% 1/16W 0402	CR 1/16 103 JT	Samsung	R3 R5 R13 R23 R28 R50 R54	7
39	RES. CHIP 22K ohm ±5% 1/16W 0402	CR 1/16 223 JT	Samsung	R11 R14 R55	3
40	RES. CHIP 36K ohm ±5% 1/16W 0402	CR 1/16 363 JT	Samsung	R44 R51	2
41	RES. CHIP 47K ohm ±5% 1/16W 0402	CR 1/16 473 JT	Samsung	R17 R24 R56	3
42	RES. CHIP 82K ohm ±5% 1/16W 0402	CR 1/16 823 JT	Samsung	R8 R52	2
43	RES. CHIP 100K ohm ±5% 1/16W 0402	CR 1/16 104 JT	Samsung	R6 R9 R12 R15 R19 R20 R21 R25 R39 R40 R42 R53	12
44	RES. CHIP 1M ohm ±5% 1/16W 0402	CR 1/16 105 JT	Samsung	R27 R45 R46 R47 R49 R57 R58	7
45	Chip Diode switching	KDS114E	KEC	D2 D3	2
46	Chip Diode switching	RN142STE61	Rohm	D1	1
47	Chip Diode switching	RB706F-40	Rohm	D5	1
48	Chip LED (GREEN) , side	12-21/GHC-YR2S2/2C	Everlight	D4	1
49	Chip Transistor Switching	KRA305E	KEC	Q1 Q8	2
50	Chip Transistor Switching	KRC404E	KEC	Q9 Q10 Q11 Q12	4
51	Chip Transistor Switching	KRX104U	KEC	Q4 Q5	2
52	Chip Transistor	2SC4226-T1 R25	NEC	Q3 Q6 Q7	3

53	Chip FET	RQA0010VXDQS	RENESAS	Q2	1
54	IC CPU	R5F2LA56ANFP	RENESAS	U1	1
55	IC	RDA1846S	RDA	U2	1
56	IC	LM4871MM	NATIONAL	U3	1
57	IC	BL24C16	Shanghai Belling	U4	1
58	IC Charger	BL4054B	Shanghai Belling	U7	1
59	IC	NJM12904R	JRC	U5	1
60	IC	NJM2882F33	JRC	U6	1
61	Saw Filter	EF465DV	EF TECH	FL1	1
62	SMD AIR COIL	0.30 x 1.0 x 5T(L)	FINE	L3 L5 L8 L15 L16	5
63	SMD AIR COIL	0.40 x 1.2 x 2T(L)	FINE	L19	1
64	INDUCTOR CHIP CERAMIC 5.6nH 0603	CI-B1608-56NSJT	CERATECH	L1	1
65	INDUCTOR CHIP CERAMIC 10nH 0603	CI-B1608-100KJT	CERATECH	L9	1
66	INDUCTOR CHIP CERAMIC 27nH 0603	CI-B1608-270KJT	CERATECH	L2 L4 L11	3
67	INDUCTOR CHIP CERAMIC 220nH 0603	CI-B1608-221KJT	CERATECH	L12	1
68	INDUCTOR CHIP FERRITE 4.7uH 0603	FI-A1608-472KJT	CERATECH	L7	1
69	PCB , 4Layer	TS400 V2.2	YONGMINGSHENG		1
70	VCTCXO SMD	3225 VCTCXO 26MHz	EXA-ENC	X1	1
71	XTAL SMD	3225 12.8MHz 16pF	EXA-ENC	X2	1
72	Tact switch	LS10N2-TB	CITIZEN	SW4 SW5 SW6	3
73	Tact switch	ST-1107MU-2	SAMYOUNG	SW1 SW2 SW3	3
74	Connector , 5P USB	SMT , Post=1.0mm (0.4x1.27mm)	SL Eleccom	J2	1
75	Connector	JS-1174R-02	Hantech	J1	1
76	Jack SMD	SKJS-228	SEKWANG	J3	1
77	LCD	D01269A-6HZPF-02	SHENZHEN RIFDA	LCD1	1
78	C- microphone	COB627P-2044-10-EB-H	SANICO	MIC1	1
79	SPEAKER	SM-2808W08(800Hz)	신명전자	SP1	1
80	ANTENNA	465MHZ	혜성전자	ANT1	1