

CMP-10 WITH BLUETHOOTH PCB

Name	Description 1	Description 2	Type	Manufacturer	Notes
Име	Параметър	Описание	Тип	Производител	Забележки
C1	Chip Capacitor 0805	1uF/50V/10%		Sincera	
C2	Chip Capacitor 0805	1uF/50V/10%		Sincera	
C3	Chip Capacitor 0805	100nF/50V/-20%+80%		Sincera	
C4	Chip Capacitor 0805	1uF/50V/10%		Sincera	
C5	Chip Capacitor 0805	1uF/50V/10%		Sincera	
C6	Chip Capacitor 0805	1uF/50V/10%		Sincera	
C7	Chip Capacitor 1545	470pF/2KV	GRM1545B474K630PT	Sincera	
C8	Chip Capacitor 0805	10nF/50V/10%		Sincera	
C9	Chip Capacitor 0805	100pF/50V/10%		Sincera	
C10	Chip Capacitor 0805	100nF/50V/-20%+80%		Sincera	
C11	Chip Capacitor 0805	100nF/50V/-20%+80%		Sincera	
C12	Chip Capacitor 0805	100nF/50V/-20%+80%		Sincera	
C13	Chip Capacitor 0805	100nF/50V/-20%+80%		Sincera	
C14	Chip Capacitor 0805	100nF/50V/-20%+80%		Sincera	
C15	Electrolytic Capacitor	1000uF/16V	легнал	Hitano	10mmX16mm
C	Chip Capacitor 0805	100nF/50V/-20%+80%		Sincera	
C17	Chip Capacitor 0805	100nF/50V/-20%+80%		Sincera	
C18	Chip Capacitor 0805	100nF/50V/-20%+80%		Sincera	
C19	Chip Capacitor 0805	100pF/50V/10%		Sincera	
C20	Chip Capacitor 0805	5pF/50V/10%		Sincera	
C21	Chip Capacitor 0805	5pF/50V/10%		Sincera	
C22	Chip Capacitor 0805	100nF/50V/-20%+80%		Sincera	
C23	Electrolityc Capacitor	100uF/16V		Hitano	SMD
C24	Chip Capacitor 0805	15pF/50V/10%		Sincera	
C25	Chip Capacitor 0805	100nF/50V/-20%+80%		Sincera	
C26	Chip Capacitor 0805	100nF/50V/-20%+80%		Sincera	
C27	Chip Capacitor 0805	100nF/50V/-20%+80%		Sincera	
C28	Chip Capacitor 0805	100pF/50V/10%		Sincera	
C29	Chip Capacitor 0805	100pF/50V/10%		Sincera	
C30	Chip Capacitor 0805	100pF/50V/10%		Sincera	
C31	Chip Capacitor 0805	100pF/50V/10%		Sincera	
C32	Chip Capacitor 0805	10nF/50V/10%		Sincera	
C	Chip Capacitor 0805	100nF/50V/-20%+80%		Sincera	
C34	Electrolityc Capacitor	100uF/16V		Hitano	SMD
C35	Chip Capacitor 0805	100nF/50V/-20%+80%		Sincera	
C36	Chip Capacitor 0805	15pF/50V/10%		Sincera	
C37	Chip Capacitor 0805	100nF/50V/-20%+80%		Sincera	
C38	Chip Capacitor 0805	100pF/50V/10%		Sincera	
C39	Chip Capacitor 0805	1uF/50V/10%		Sincera	
C40	Chip Capacitor 0805	100nF/50V/-20%+80%		Sincera	
C41	Chip Capacitor 0805	100nF/50V/-20%+80%		Sincera	
C42	Chip Capacitor 0805	100nF/50V/-20%+80%		Sincera	
C43	Chip Capacitor 0805	100nF/50V/-20%+80%		Sincera	
CN1	Connector	MOLEX 5267-03AX		Molex	
CN2	Connector	TDC-009-2-1.3MM-PBT-T-2		Industrial	
CN3	Connector	6008 MOTOROLA			
CN4	Connector	MOLEX 53398-0290		Molex	
CN5	Connector	MOLEX 52610-2490		Molex	
CN6	Connector	MOLEX 53398-0990		Molex	
CN7	Connector	MOLEX 79107-0005		Molex	

Идентиф. No: OD 07.01.01

Версия: 1

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Спецификация / Specification E010404.pcb - E010404

Дата(Data): 19.03.2004г.
Версия(Version): 4

CN8	Connector	MOLEX 79107-0002		Molex	
CN9	Connector	MOLEX 79107-0002		Molex	
D1	Shottky Diode	SR24		GD	
D2	Shottky Diode	SR24		GD	
D3	Diode	LL4148		GD	
D4	Diode	LL4148		GD	
D5	Shottky Diode	SR34		GD	
D6	Shottky Diode	SR24		GD	
D7	Diode	LL4148		GD	
D8	Diode	LL4148		GD	
D9	Diode	LL4148		Gd	
D10	Diode	LL4148		Gd	
D11	Diode	LL4148		GD	
D12	Diode	LL4148		GD	
D13	Diode	LL4148		GD	
D14	Diode	LL4148		GD	
D15	Diode	LL4148		GD	
D16	Diode	LL4148		GD	
D17	Diode	LL4148		GD	
D18	Diode	LL4148		GD	
D19	Diode	LL4148		GD	
D20	Diode	LL4148		GD	
F1	Fuse 1206	1A		Bell	
F2	Fuse 1206	5A		Bell	
L1	Ferite	2.0x1.25mm 1.5-6A	BLM21AG102SNID	MURATA	
L2	Ferite	4.5x1.6mm 1.5-6A	BLM41AG102SNID	MURATA	
L3	Ferite	2.0x1.25mm 1.5-6A	BLM21AG102SNID	MURATA	
L4	Ferite	2.0x1.25mm 1.5-6A	BLM21AG102SNID	MURATA	
L5	Ferite	2.0x1.25mm 1.5-6A	BLM21AG102SNID	MURATA	
L6	Ferite	2.0x1.25mm 1.5-6A	BLM21AG102SNID	MURATA	
L7	Ferite	2.0x1.25mm 1.5-6A	BLM21AG102SNID	MURATA	
L8	Ferite	2.0x1.25mm 1.5-6A	BLM21AG102SNID	MURATA	
L9	Ferite	2.0x1.25mm 1.5-6A	BLM21AG102SNID	MURATA	
L10	Ferite	4.5x1.6mm 1.5-6A	BLM41AG102SNID	MURATA	
L11	Ferite	2.0x1.25mm 1.5-6A	BLM21AG102SNID	MURATA	
L12	Ferite	2.0x1.25mm 1.5-6A	BLM21AG102SNID	MURATA	
Q1	MOS P CHANAL Transistor	IRFR9014		IR	
Q2	PNP Transistor	2SA1162-GR		Hitachi	
Q3	MOS P CHANAL Transistor	IRLML5203		IR	
Q4	NPN Transistor	2SC2712-GR		Hitachi	
Q5	MOS P CHANAL Transistor	IRFR9014		IR	
Q6	Quartz	40MHz	Small	TQA	
Q7	Quartz	3.6864MHz	Small	TQA	
Q8	NPN Transistor	2SC2712-GR		Hitachi	
Q9	PNP Transistor	2SA1162-GR		Hitachi	
Q10	NPN Transistor	2SC2712-GR		Hitachi	
Q11	NPN Transistor	2SC2712-GR		Hitachi	
R1	Chip resistor 0805	150Ω		Yageo	
R2	Chip resistor 0805	10k		Yageo	
R3	Chip resistor 0805	33k		Yageo	

Идентиф. No: OD 07.01.01

Версия: 1

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R4	Chip resistor 2512	0.3/1W		Yageo	
R5	Chip resistor 0805	33k		Yageo	
R6	Chip resistor 0805	130k		Yageo	
R7	Chip resistor 0805	10k		Yageo	
R8	Chip resistor 0805	10k		Yageo	
R9	Chip resistor 0805	1k		Yageo	
R10	Chip resistor 0805	1k		Yageo	
R11	Chip resistor 0805	10k		Yageo	
R12	Chip resistor 0805	10k		Yageo	
R13	Chip resistor 0805	100k		Yageo	
R14	Chip resistor 0805	33k / 1%		Yageo	
R15	Chip resistor 0805	100k		Yageo	
R16	Chip resistor 0805	10k / 1%		Yageo	
R17	Chip resistor 0805	10k		Yageo	
R18	Chip resistor 0805	10k		Yageo	
R19	Chip resistor 0805	4.7k		Yageo	
R20	Chip resistor 0805	100k		Yageo	
R21	Chip resistor 0805	2.2k		Yageo	
R22	Chip resistor 0805	10k		Yageo	
R23	Chip resistor 0805	100k		Yageo	
R24	Chip resistor 0805	10k		Yageo	
R25	Chip resistor 0805	1k		Yageo	
R26	Chip resistor 0805	100k		Yageo	
R27	Chip resistor 0805	10k		Yageo	
R28	Chip resistor 0805	10k		Yageo	
R29	Chip resistor 0805	10k		Yageo	
R30	Chip resistor 0805	10k		Yageo	
R31	Chip resistor 0805	10k		Yageo	
R32	Chip resistor 0805	100k		Yageo	
R33	Chip resistor 0805	10k		Yageo	
R34	Chip resistor 0805	180Ω		Yageo	
R35	Chip resistor 0805	10k		Yageo	
R36	Chip resistor 0805	100k		Yageo	
R37	Chip resistor 0805	100k		Yageo	
R38	Chip resistor 0805	10k		Yageo	
R39	Chip resistor 0805	10k		Yageo	
R40	Chip resistor 0805	3.9k		Yageo	
R	Chip resistor 0805	10k		Yageo	
SW1	Switch	MHS-02-TR			
U1	ICs	MAX232CWE		MAXIM/SIPEX	
U2	ICs	MM1433BV		Mitsumi	
U3	ICs	TLC0832CDR		TI	
U4	ICs	HEF4066BT		TI/FAIRCHILD	
U5	ICs	SN74CBT3253D		TI	
U6	ICs	W29C040T90BN		Winbond	
U7	ICs	TOIM 3232/4232		VISHAY	
U8	ICs	K6T1008C2E-GB70		SAMSUNG	
U9	ICs	74HCT573D		TI	
U10	ICs	W78E65P		Winbond	
U11	ICs	NJU7223DL1-50		JRC	
U12	ICs	HEF4066BT		TI/FAIRCHILD	
U13	ICs	MAX690ACSA		MAXIM/SIPEX	
U14	ICs	LB1838M		SANYO	

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Спецификация / Specification E010404.pcb - E010404

Дата(Data): 19.03.2004г.
Версия(Version): 4

V1	Varistor	VZ0805M050LNT			
V2	Varistor	VZ0805M050LNT			

Версия 4: / 19.03.2004г. /

1.Платката е преименувана и са направени козметични промени.

Name	Description 1	Description 2	Type	Manufacture	Notes
Име	Параметър	Описание	Тип	производител	Забележки
C1	Chip Capacitor 0805	100nF/50V/-20%+80%	CC0805Z104	YAGEO	Bottom
C2	Chip Capacitor 0805	1uF/50V/10%	CC0805K105	YAGEO	Bottom
C3	Chip Capacitor 0805	10nF/50V/10%	CC0805K103	YAGEO	* / Bottom
C4	Chip Capacitor 0805	1nF/50V/10%	CC0805K102	YAGEO	* / Bottom
C5	Chip Capacitor 0805	100nF/50V/-20%+80%	CC0805Z104	YAGEO	* / Bottom
C6	Chip Capacitor 0805	100nF/50V/-20%+80%	CC0805Z104	YAGEO	* / Bottom
C7	Chip Capacitor 0805	100nF/50V/-20%+80%	CC0805Z104	YAGEO	* / Bottom
C8	Chip Capacitor 0805	1nF/50V/10%	CC0805K102	YAGEO	* / Bottom
C9	Chip Capacitor 0805	22nF/50V/10%	CC0805K223	YAGEO	* / Bottom
C10	Chip Capacitor 0805	10nF/50V/10%	CC0805K103	YAGEO	Bottom
C11	Chip Capacitor 0805	10nF/50V/10%	CC0805K103	YAGEO	Bottom
CN2	Connector	MOLEX 87049-12	12 pin Molex		Bottom
CN3	Connector	MOLEX 87049-06	6 pin Molex		Bottom
CN4	Connector	Magnetic head			Do not mount
D1	Diode	LL4148		Vishay	Bottom
D2	Diode	LL4148		Vishay	* / Bottom
LED1	Bicolor LED	LED SMD 2 Colors			Top
LED2	Bicolor LED	LED SMD 2 Colors			Top
R1	Chip resistor 0805	10k	RC0805J103	WALSIN	Bottom
R2	Chip resistor 0805	10k	RC0805J103	WALSIN	Bottom
R3	Chip resistor 0805	10k	RC0805J103	WALSIN	Bottom
R4	Chip resistor 0805	20Ω	RC0805J200	WALSIN	Bottom
R5	Chip resistor 0805	1k	RC0805J102	WALSIN	Bottom
R6	Chip resistor 0805	50 Ω	RC0805J500	WALSIN	Bottom
R7	Chip resistor 0805	1k	RC0805J102	WALSIN	Bottom
R8	Chip resistor 0805	2k	RC0805J202	WALSIN	* / Bottom
R9	Chip resistor 0805	2.2M	RC0805J225	WALSIN	* / Bottom
R10	Chip resistor 0805	4,7Ω	RC0805J4R7	WALSIN	* / Bottom
R11	Chip resistor 0805	24k	RC0805J243	WALSIN	* / Bottom
R12	Chip resistor 0805	2.2M	RC0805J225	WALSIN	* / Bottom
R13	Chip resistor 0805	1k	RC0805J102	WALSIN	Bottom
R14	Chip resistor 0805	220Ω	RC0805J221	WALSIN	Bottom
R15	Chip resistor 0805	10k	RC0805J103	WALSIN	* / Bottom
R16	Chip resistor 0805	2.7k	RC0805J272	WALSIN	* / Bottom
R17	Chip resistor 0805	10k	RC0805J103	WALSIN	* / Bottom
R18	Chip resistor 0805	10k	RC0805J103	WALSIN	* / Bottom
Q1	Transistor	PNP - 2SA1162-GR		Hitachi	Bottom
Q2	Transistor	PNP - 2SA1162-GR		Hitachi	* / Bottom
SW1	Tact Switch	SKHCAD301A		ALPS Electri	Top
SW2	Tact Switch	SKHCAD301A		ALPS Electri	Top
U1	Infrared tranceiver	TFDS4100U		Vishay	* / Bottom
U2	ICs	F2F2000		Zepetronix - Korea	* / Bottom
U3	ICs	CD4066		Fairchild	Bottom

Версия 2: 06.2002г. ?????

* - Отбелязаните елементи не се монтират, ако устройството е без Card reader

* - Not Mounted when CMP10 without Card Reader

!!! - R4 и R6 ще се оточният допълнително. Зависят от прозорчето

15.07.2002г. / R4 и R6 от 100 Ω се променят на 50 Ω

18.07.2002г / 1. R4 от 50 Ω се замества с 20 Ω

Версия 3: 14.08.2002г. / 1. Премахнат е конектор CN1

1 DATECS

Спецификация / Specification E010803.pcb - E010803

Дата(Data): 14.06.2004г.
Версия(Version): 3

BLUETOOTH MODUL PCB

Name	Description 1	Description 2	Type	Manufacturer	Notes
Име	Параметър	Описание	Тип	Производител	Забележки
C1	Chip Capacitor 0805	1u	0805F105K500NT		
C2	Chip Capacitor 0805	1u	0805F105K500NT		
CN1	Connector	Molex 87049-06	87049-0616		
CN2	Connector	Bluetooth CON			
U1	ICs	NJU7223DL1-33	NJU7223DL1-33-TE1		
BTM	Bluetooth Module	JP-BTTC2001ZA		JEPICO	

Версия 3:/ 14.06.2004г./

- 1.Платката е преименувана.
- 2.Ротиран е стабилизатора U1 на 90 градуса.
- 3.Коригиран е board-а за да не подпира на чипа за RTC.