

BOM of CC-218 VOL Board (BD4)

2025/04/23

Electronic parts

tax incl' (8% till 2019/09/30, 10% since 2019/10/01)

Rev.B

列1	列2	列3	列4	列5	列6	列7	列8	列9	列10	列11	列12	列13	列14
Category	Part name	Model number	Manufacturer	Description	Used Qty	Purchase Qty	@Price	Price	Cost	Retailer	Purchase Date	Referece Designator	Note
Semiconductor	Dual op amp	LME49720NANOPB	Texas Instruments	Op amp for audio (dual type)	3	3	¥604	¥1,812	¥1,812	Digi-Key	2023/09/19	U14-16	¥845 @Marutsu, one more bought 23/10/ __ @1,424 Digi-Key 25/02/13 [Rev.A]
	Single op amp	OPA627AP	Texas Instruments	Op amp for audio	4	22	¥2,500	¥55,000	¥10,000	Digi-Key	2014/03/17	U3-4,10-11	From stock, the unit price is not exact
	Regulator IC	LM78L15	TAEJIN Technology	DC+15V, 100mA	5	10	¥24	¥240	¥120	Marutsu	2023/10/06	U1,5,8,12,17	
	Regulator IC	LM79L15	TAEJIN Technology	DC-15V, 100mA	5	10	¥26	¥260	¥130	Marutsu	2023/10/06	U2,6,9,13,18	
	Volume control IC	PGA2310PA	Texas Instruments	2-ch wide gain	1	2	¥4,247	¥8,494	¥4,247	Digi-Key	2023/07/10	U7	
	LED	LA504W3CA2C02	Linkman	Ultra-bright white, Phi5	2	5	¥152	¥760	¥304	Marutsu	2023/10/06	LED1-2	¥163 Marutsu 25/02/13
								¥0	¥0				
								¥0	¥0				
Passive	1/4W 2.2k	One Yen Resistor	Akizuki	Carbon film, 1/4W, 5%	2	0	¥1	¥0	¥2	Akizuki		R29-30	From stock
	1/4W 1k	REY25FY1k MF1/4CCT52R1001F	Takman KOA	Metal film, 1/4W, 1%	6	10	¥18	¥180	¥108	Kyoritsu-EleShop Digi-Key	2023/10/25	R15-16,31-34	Substitued by REY25FY1.1k [Rev.A] ¥30 --> ¥18
	1/4W 3.9k	REY25FY3.9k MF1/4CCT52R3901F	Takman KOA	Metal film, 1/4W, 1%	6	10	¥18	¥180	¥108	Kyoritsu-EleShop Digi-Key	2023/10/25	R7-9,11-13	[Rev.A]
	1/4W 10k	REY25FY10k MF1/4CCT52R1002F	Takman KOA	Metal film, 1/4W, 1%	14	20	¥18	¥360	¥252	Kyoritsu-EleShop Digi-Key	2023/10/25	R1-6,17-24	Substitued by REY25FY11k [Rev.A]
	1/4W 15k	REY25FY15k MF1/4CCT52R1502F	Takman KOA	Metal film, 1/4W, 1%	2	10	¥18	¥180	¥36	Kyoritsu-EleShop Digi-Key	2023/10/25	R10,14	[Rev.A]
	1/4W 22k	REY25FY22k MF1/4CCT52R2202F	Takman KOA	Metal film, 1/4W, 1%	4	6	¥18	¥108	¥72	Kyoritsu-EleShop Digi-Key	2023/10/25	R25-28	Substitued by REY25FY18k [Rev.A]
	0.6A, 221uH	SRN6045TA-221M	Bourns	Choke coil, 0.6A, 0.9ohm, 20%	2	10	¥65	¥650	¥130	Digi-Key	2025/02/13	L1-2	[Rev.A]
	25V 47u	UVR1E470MDD	Nichicon	E-cap, 2.5mm pitch	1	10	¥27	¥270	¥27	Marutsu	2023/10/06	C1	
	50V 47u	EMVH500ADA470MJA	Nichicon	E-cap, SMD	2	10	¥129	¥1,290	¥258	Digi-Key	2025/02/13	C35-36	[Rev.A]
	50V 220p	RCE5C1H221J0A	Murata	C-cap, 50V, 2.5mm spacing	4	10	¥49	¥494	¥198	Digi-Key	2023/09/19	C23-26	
	50V 1000p	RCE5C1H102J0A	Murata	C-cap, 50V, 2.5mm spacing	2	0	¥49	¥0	¥99			C39-40	From stock [Rev.B]
	50V 0.1u	RDER71H104K0P1H03B	Murata	C-cap, 50V, 2.5mm spacing	17	50	¥37	¥1,848	¥628	Digi-Key	2023/09/19	C2,5-8,11-12,15-18,21-22,29-32	
	50V 0.33u	RDER71H334K1M1H03A	Murata	C-cap, 50V, 5mm spacing	10	50	¥43	¥2,173	¥435	Digi-Key	2023/09/19	C3-4,9-10,13-14,19-20,27-28	
	50V 0.1u	GRM188R71H104KA9	Murata	C-cap, 50V, SMD, 1608	4	20	¥11	¥220	¥44	Marutsu	2025/02/13	C-33-34,37-38	[Rev.A]
	Post	B14B-XH-A	JST	14P, 2.5mm pitch, top	1	1	¥147	¥147	¥147	Marutsu	2023/10/06	PL401	¥138 Marutsu 25/02/13
	Post	S4B-XH-A	JST	4P, 2.5mm pitch, side	0	0	¥37	¥0	¥0	Marutsu		PL404	Deleted (2023/10/06)
	Post	S8B-XH-A	JST	8P, 2.5mm pitch, side	2	2	¥67	¥134	¥134	Marutsu		PL402-403	
	Pin socket	714-43-102-31-018000	Mill-Max	2P SIP, 2.54mm pitch	0	0	¥127	¥0	¥0	Digi-Key		SK401-402	Not mounted [2024/01/27]
	Pin socket	714-43-103-31-018000	Mill-Max	3P SIP, 2.54mm pitch	8	0	¥173	¥0	¥1,382	Digi-Key		SK403-410	From stock
	Pin socket	714-43-103-31-018000	Mill-Max	2P SIP, 2.54mm pitch	0	0	¥173	¥0	¥0	Digi-Key		SK411	Not mounted ==> bridged [2024/05/10]
Module	Test pin	LC-22-G-Bk	Mac8	Phi=3.3mm, gold-plated, black	2	20	¥32	¥648	¥65	Marutsu	2023/12/13	T1-2	Sun Hayato SLC-22G-Bk that contains 20 pcs of LC-22-G-Bk
	Mini relay	G5V-2-DC5V	Omron	Crossbar twin	6	6	¥510	¥3,060	¥3,060	Marutsu	2023/10/06	RL1-6	
								¥0	¥0				
									¥0	¥0			
									¥0	¥0			
Wire	Tin-plated solid wire	TCW1.0L10	Marutsu	Tin-plated copper wire, Phi1.0	0.316	1	¥818	¥818	¥258	Marutsu	2023/10/06	W1-3	[Rev.A]
	Gold-plated solid wire	AMOF-C-GMK-05FC	Amtrans	OFC, 0.5mm, gold-plated, 4m	0.00175	0	¥4,180	¥0	¥7	Kyoritsu EleShop	2023/10/25	W4-5	Replace SK411-412. Bought for Back Panel R of CC-218 [Rev.A]
								¥0	¥0				
Board	PCB	CC-218_VOL_Y3	JLCPCB	Double-sided PCB, 208x90mm	0	5	¥700	¥3,500	¥0	JLCPCB	2024/06/06	PCB4	\$12.6+\$9.13(shipment)=\$21.73
	PCB	CC-218_VOL_A_Y6	JLCPCB	Double-sided PCB, 208x90mm	1	5	¥392	¥1,960	¥392	JLCPCB	2025/02/21	PCB4	\$12.6+\$8.16(shipment)=\$20.76 [Rev.A]
Other	Insulation tube			Phi1.5, L1221, red	2	0	¥10	¥0	¥20				From stock [Rev.A]
								¥0	¥0				
								¥0	¥0				
Electronic parts total								¥84,785	¥24,474				

Mechanical parts

Category	Part name	Model number	Manufacturer	Description	Used Qty	Purchase Qty	@Price	Price	Cost	Vendor	Purchase date	Ref Des	Note
列1	列2	列3	列4	列5	列6	列7	列8	列9	列10	列11	列12	列13	列14
Metal								¥0	¥0				
								¥0	¥0				
Wood								¥0	¥0				
								¥0	¥0				
Plastic								¥0	¥0				
								¥0	¥0				
Mounting								¥0	¥0				
								¥0	¥0				
Screw	Plastic washer	L0501-0389928	Yahata	M3, flat, clear	0	0	¥9	¥0	¥0	Joyful Honda		WS1-4	Bought for BD3 [2024/09/22] [Rev.A]
								¥0	¥0				
								¥0	¥0				
Mechanical parts total								¥0	¥0				

Consumative tools

Category	Part name	Model number	Manufacturer	Description	Used Qty	Purchase Qty	@Price	Price	Cost	Retailer	Purchase date	Ref Des	Note
列1	列2	列3	列4	列5	列6	列7	列8	列9	列10	列11	列12	列13	列14
Finish								¥0	¥0				
								¥0	¥0				
Mechanics								¥0	¥0				
								¥0	¥0				
								¥0	¥0				
Soldering	Solder	HS-304	Hozan	Sn-3Ag-0.5Cu, Phi=1.0, 100g	0.1	0	¥2,042	¥0	¥204	Marutsu	2021/10/26		
	Solder wick	HS-380-2.5	Hozan	2.5mm x 1.5m	0.1	0	¥488	¥0	¥49	Marutsu	2021/10/26		
Labor								¥0	¥0				
								¥0	¥0				
Consumative tool total								¥0	¥253				

									¥84,785	¥24,727			
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