SOM204-EVB_Rev_C2_BOM

Qty	Value	Device	Parts
3	0R/R0603(Board_Mounted)	R_0R0R(NA)	R42, R52, R99
2	0R/R0402	R0402	R14, R139
1	6.8R/R1206	R-EU_R1206_5MIL	R100
23	100R/R0603	R-EU_R0603_5MIL_DWS	R22, R23, R24, R25, R32, R33, R35, R36, R38, R44, R58, R64, R67, R68, R76, R87, R96, R97, R107, R112, R117, *R11, R2*
1	120R/R1206	R-EU_R1206_5MIL_WS	R12
2	390R/R0603	R-EU_R0603_5MIL_DWS	R88, R89
2	1.05k/1%/R0603	R-EU_R0603_5MIL_DWS	R56, R63
13	2.2k/R0603	R-EU_R0603_5MIL_DWS	R4, R5, R16, R17, R19, R20, R98, R105, R106, R119, R120, R124, R128
1	3.32k/1%/R0603	R-EU_R0603_5MIL_DWS	R57
2	3.9k/1%/R0603	R0603	R125, R134
3	6.81k/1%/R0603	R-EU_R0603_5MIL_DWS	R102, *R122*, R137
20	10k/R0603	R-EU_R0603_5MIL_DWS	R1, R8, R18, R54, R80, R82, R84, R86, R90, R93, R94, R108, R109, R111, R114, R115, R118, R129, R132, R133
4	20k/1%/R0603	R-EU_R0603_5MIL_DWS	R21, R48, R101, R121
1	27k/R0603	R-EU_R0603_5MIL_DWS	R10
1	51k/1%/R0603	R-EU_R0603_5MIL_DWS	R131
1	68k/R0603	R-EU_R0603_5MIL_DWS	R62
13	100k/R0603	R-EU_R0603_5MIL_DWS	R6, R55, R61, R95, R103, R104, R116, R123, R126, R130, R135, R136, R138
3	RA1206_(4X0603)_4B8_22R	R_MATRIX_4E	RM3, RM4, RM5
3	RA1206_(4x0603)_4B8_100k	R_MATRIX_4E	RM1, RM2, RM6
1	0.8pF/C0402	C-EUC0402_TI	C69
1	1.5pF/50V/NP0/C0603	C-EUC0603_DWS	C70
1	10pF/50V/5%/COG/C0603	C-EUC0603_DWS	C59
1	220pF/50V/5%/COG/C0603	C-EUC0603_DWS	C28
2	1nF/2kV/X7R/C1206	C-EUC1206_5MILS_WS_ISO	C24, C35
4	10nF/50V/10%/X7R/C0603	C-EUC0603_DWS	C1, C2, C7, C8
25	100nF/50V/20%/Y5V/C0603	C-EUC0603_DWS	C9, C13, C14, C15, C16, C17, C19, C21, C22, C23, C27, C31, C32, C36, C38, C41, C42, C43, C45, C48, C50, C51, C52, C54, C65
1	10uF/6.3V/C0603	C-EUC0603_DWS	C79
2	22uF/25V/X7R/C1206	C-EUC1206_5MIL_WS	C12, C20
33	47uF/6.3V/20%/X5R/C0805	C-EUC0805_5MIL_DWS	C3, C4, C5, C6, C18, C25, C29, C30, C37, C39, C40, C44, C46, C47, C49, C53, C55, C56, C57, C60, C61, C62, C63, C64, C66, C67, C68, C71, C72, C75, C76, C77, C78
2	2.2uH/4.5A/28mR/20%/CD75/ 7.8x7.0x5.0mm(YS75-2R2M)	L-CD73(75)	L1, L15
1	3.3nH/120R/400mA/L0603	L-USL0603_5MIL_DWS	L18
1	10uH/4.0A/36mR/20%/8.3x8.3x5.0mm (YSRH8D43-100M)	L-CDRH8D43	L2
13	FB0805/600R/2A	L-USL0805_5MIL_DWS	L3, L4, L5, L6, L7, L9, L10, L11, L12, L13, L14, L16, L17
3	1N5819S4(SOD-123)	SCHOTKKY7.62SS-1N5819(S4SOD-123)	D3, D4, D6
5	1N5822/SS34/SMA	SCHOTKKY7.62SS2	D1, D2, D5, D7, D9
1	SMBJ6.0A/DO214A	SMBJ16A	D10
1	LED/Green/0603	LEDLED-0603_TEST	LED1
1	LED/IR333-A/5mm	LED5.0MM	IR_LED1
1	LED/Red/0603	LEDLED-0603_TEST	PWR_LED
1	LED/Yellow/0603	LEDLED-0603_TEST	LED2
1	RPM7236-H8	RPM7236	IR1
1	DTC114YKA(SOT23-3)	DIGITAL_TRANSISTORS-NPNDTC114YKA	T1
1	BC817-40(SOT23-3)	NPN-TRANSISTOR_SOT23	T2
8	BSS138(SOT23-3)	N-MOS+DIODBSS138(SOT23-3)	FET2, FET3, FET4, FET5, FET6, FET7, FET8, FET11
3	IRLML6402(SOT23-3)	P-MOS+DIODIRLML6402	FET1, FET9, FET10
1	AP1231-1.8V(SOT23-5)	AP1231-33	VR1
1	AP1231-2.8V(SOT23-5)	AP1231-33	VR2
1	FSMD035/1206	FUSE	FUSE1
1	MCP120T-475I/TT(SOT23-3)	RESETMCP130T-300-I/TT	U14
1	*SIT1042T/3(SOIC-8_150mil)*	*SO-8*	*U2*
1	MP1584EN(SOIC8E)	MP1584EN(SOIC8E)	U6
2	MT3608(SOT23-6)	SY7208	U5, U13
1	RTL8723BS (RL-SM02BD/COMBO_MODULE)	RTL8723BS(COMBO_MODULE) -(RL-SM02BD)	U9
4	SY6280(SOT23-5)	SY6280	U7, U8, U10, U12
1	3.3V:Opened/5.0V:Closed	SJ2W6	CAN_3.3V/5.0V
2	Closed	SJSJ-CLOSE	LED1_E, LED2_E
3	Opened	SJ	5VEXT_E, 5V_SATA_E, CAN_T

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1	PCIE_5.0VEXT:Closed/5.0VIN:Opened	SJ2W6	PCIE_5.0VEXT/5.0VIN
1	BTH-V-20-LF	BBTH-V-20-LF	3.0V-BAT_RTC
1	CAMERA_2M-GT2005	CAMERA_2M-GT2005	CAM
1	DDR204(2-2013289-1)	SOM204-EVB-DDR204(2-2013289-1)	SOM204-EVB_PLATFORM
2	KF02S-M2	KF02S-M2	SOM204-EVB_PLATFORM
2	DW02S	CON2DW02S	5V_SATA_PWR, LIPO_BAT
2	GBH254SMT-10(HTST-105-01-L-DV-P-TR)	ML10-(GBH-254-SMT-10)_TEST	UEXT-1, UEXT-2
1	GBH254SMT-34(HTST-117-01-L-DV-P-TR)	ML34-(GBH-254-SMT-34)_TEST	GPIO
1	HDMI-SWM-19	HDMI-MC34931HDMI-SWM-19_TEST	HDMI
1	HN1x3	CON3HN1X3	DBG-UART
1	KMMX-AB10-SMT1SB30TR	USB_MICRO_3.0-KMMX-AB10-SMT1SB30TR	USB_MICRO_3.0-AB
1	PCIX-VPC-064-LF	PCIE-X4_CONNECTOR(PCIX-VPC-064-LF)	PCIE-X4
2	PJ-W47S-05D2-LF_V2	AUDIO_JACK_5PINPJ-W47S-05D2-LF_V2	HEADPHONES/LINEOUT, MIC/LINEIN
1	PWRJ-2mm(YDJ-1134)	PWR-JAKPWR_JACK_UNI_MILLING_SMALLER_DRILLS	PWR_JACK
1	RJLBC-060TC1	RJLBC-060TC1_GND_MILLING	LAN_MEGA(100)_1
1	SATA-PWA-07	SATA-PWA-07TEST	SATA
4	T1107A(6X3,8X2,5MM)	SW-TAKTT1107A(6X3,8X2,5MM)	PWR_BUT, RECOVERY, RESET, UBOOT
1	TB3-3.5MM(DG350-3.5_3P)	CON3-DG350-3.5_3P(TB3-3.5MM)	CAN
1	TFC-WPAPR-08	MICRO_SD/MMC_CP_NEWTEST_CREAM	MICRO_SD
1	TM211Q01FM22	TM211Q01FM22_SH	LAN_GIGA(1000)_2
1	USB-OTG(MSB-SW-5AB-LF)	MINI_USB9	USB2.0_OTG
1	USBB1-FRWH-4A(USB-Ax2)	USB_TWO_LEVEL	USB2.0_HOST
1	VGA15(DB15-F)	DB1522	VGA_DB15-F
1	NA(1N5822/SS34/SMA)	SCHOTKKY7.62SS2	D8
2	NA(1nF/2kV/X7R/C1206)	C-EUC1206_5MILS_WS_ISO	C26, C34
4	NA(2.2k/R0603)	R-EU_R0603_5MIL_DWS	R79, R81, R83, R85
2	NA(47uF/6.3V/20%/X5R/C0805)	C-EUC0805_5MIL_DWS	C73, C74
4	NA(100R/R0603)	R-EU_R0603_5MIL_DWS	R29, R30, R110, R113
4	NA(100nF/50V/20%/Y5V/C0603)	C-EUC0603_DWS	C10, C11, C33, C58
4	NA(510R/R0402)	R-EU_R0402_SMALL	R3, R7, R9, R15
1	NA(5025)	FUSE""	FUSE2
1	NA(AP1231-1.8V(SOT23-5))	AP1231-33	VR3
1	NA(BD5245G-TR(SSOP5/SOT-23-5))	BD5230G-TR(SSOP5/SOT-23-5)	U11
1	NA(FB0805/600R/2A)	L-USL0805_5MIL_DWS	L8
1	NA(HR1x2)	JP1EHR1X2	KEY-ADC
3	NA(RCLAMP0524P)	RCLAMP0524P	U1, U3, U4
1	NA(RJLBC-060TC1)	RJLBC-060TC1_GND_MILLING	LAN_MEGA(100)_2
1	NA(TM211Q01FM22)	TM211Q01FM22_SH	LAN_GIGA(1000)_1
34	NA/R0603	R-EU_R0603_5MIL_DWS	R26, R27, R28, R31, R34, R37, R39, R40, R41, R43, R45, R46, R47, R49, R50, R51, R53, R59, R60, R65, R66, R69, R70, R71, R72, R73, R74, R75, R77, R78, R91, R92, *R127, R13*
1	NA(U.FL_Connector)	U.FL_Connector	ANT2