

A64-OlinuXino_Rev_A-BOM

Quantity	Designation	Package	Designator
1	WPM1481(DFN2X2-6L)	DFN2x2-6L	T1
2	K4B4G1646D-BCK0(256Mx16_DDR3-1600_11-11-11)	FBGA96	U3,U2
1	RTL8723BS(ComboModule)	RL-SM02BD(RTL8723BS)	U11
7	RA0805_(4X0402)_22R	RA0805_(4X0402)	RM2,RM5,RM3,RM6,RM11,RM13,RM14
1	RTL8211CL-GR(LQFP48)	LQFP48	U12
2	RA1206_(4X0603)_4B8_10k	RA1206_(4X0603)	RM4,RM1
2	Opened	SJ	5V_E1,HSIC_E1
77	100nF	C0402	C1,C2,C3,C4,C6,C7,C8,C9,C11,C12,C13,C14,C15,C17,C18,C19,C20,C22,C23,C24,C25,C28,C29,C30,C31,C32,C33,C34,C35,C37,C44,C46,C50,C51,C52,C60,C65,C66,C67,C72,C73,C74,C79,C80,C82,C83,C85,C86,C87,C90,C92,C98,C99,C100,C101,C102,C108,C109,C110,C111,C112,C115,C117,C123,C127,C130,C132,C134,C155,C156,C158,C177,C186,C189,C191,C195,C197
70	10uF/6.3V/0603	C0603	C5,C10,C16,C21,C26,C42,C47,C49,C53,C54,C57,C59,C63,C81,C84,C89,C91,C93,C94,C95,C96,C97,C116,C121,C122,C124,C125,C126,C128,C129,C131,C133,C136,C138,C139,C140,C141,C143,C144,C145,C146,C147,C148,C149,C150,C151,C152,C153,C154,C157,C159,C161,C162,C164,C165,C166,C167,C168,C169,C170,C171,C172,C173,C175,C176,C178,C179,C188,C192,C194
15	1uF/6.3V/0603	C0603	C27,C36,C38,C43,C45,C55,C120,C135,C137,C142,C160,C163,C181,C182,C190
3	NA(100nF)	C0402	C39,C40,C41
7	33pF	C0402	C48,C62,C103,C104,C105,C185,C187
2	2.2uF/6.3V/0603	C0603	C56,C61
1	100pF	C0402	C58
12	47uF/6.3V/0805	C0805	C64,C68,C69,C70,C71,C75,C76,C77,C78,C118,C119,C180
3	NA	C0402	C88,C106,C107
1	NA	C1206	C113
1	1nF/2kV/X7R/1206	C1206	C114
1	NA(10uF/6.3V/0603)	C0603	C174
2	10pF	C0402	C183,C184
1	NA(1nF)	C0402	C193
1	LED/YELLOW/0603	L0603	CHGLED1
1	SMBJ6.0A	DO214AA	D1
2	1N5822/SS34/SMA	SMA	D2,D3
1	1N5819(S4SOD-123)	SOD-123	D4
1	HN1x3	HN1x3	DBG_UART1
1	NA(GPH127SMT-02X5(PA-V16X-2X5-LF))	GPH127SMT-02X05(PA-V16X-2X5-LF)	EMMC1
1	BSS138(SOT23-3)	SOT23-3	FET1
1	IRLML6402(SOT-23)	SOT23-3	FET2
1	FSMD035	FUSE-1206	FUSE1
1	NA(5025)	FUSE-5025	FUSE2
2	SCJ325P00XG0B02G	SCJ325P00XG0B02G	HEADPHONES1,MIC1
12	FB0805/600R/2A	L0805	L1,L2,L3,L4,L5,L6,L7,L8,L9,L10,L11,L12
1	4.7uH/1.15A/DCR<0.1R/CD43	CD43	L13
3	SWPA3015S1R5NT(1.5uH/2.30A/DCR<0.1R/CD32)	CD32	L14,L19,L20
3	SWPA4018S1R5NT(1.5uH/3.35A/DCR<0.1R/CD43)	CD43	L15,L17,L18
1	2.2uH/3A/YS75/7x8	YS75_7X8MM	L16
1	DW02R	DW02R	LIPO_BAT1

A64-OlinuXino_Rev_A-BOM

1	MICRO_SD(TFC-WPAPR-08)	TFC-WPAPR-08	MICRO_SD1
1	Soldered	SJ	NAND_E1
1	HN1x2(Opened)	HN1x2	PHYRST1
1	PWRJ-2mm(YDJ-1136)	PWR_JACK	PWR1
1	LED/Red/0603	LED_0603	PWRLED1
1	E4SB25.000F20E15(25MHz/20pF/20ppm/5x3.2mm)	SMD_5x3.2	Q1
1	MC-306_32.768KHZ/SMD_8038/6pF	SMD_8038	Q2
1	4SB24.000F20E15/5x3.2mm/20ppm/20pF	SMD_5x3.2	Q3
1	100R/1%	R0402	R2
4	22R	R0402	R3,R4,R33,R54
2	NA(22R)	R0402	R18,R58
2	0R(Board_Mounted)	R0603	R36,R94
4	NA(510R)	R0402	R39,R43,R44,R45
1	NA(0R)	R0402	R60
4	0R(Board_Mounted)	R0402	R62,R86,R87,R34
1	10M	R0402	R93
12	NA	R0402	R96,R97,R98,R53,R66,R65,R56,R92,R19,R20,R24,R6
3	RA1206_(4x0603)_4B8_100k	RA1206_(4X0603)_4B8	RM7,RM9,RM12
1	RA0805_(4X0402)_4.7k	RA0805_(4X0402)	RM10
2	SY6280AAC(SOT23-5)	SOT-23-5	U6,U9
3	NA(RCLAMP0524P(SLP2510P8))	SLP2510P8	U7,U8,U10
1	MT3608(SOT23-6)	SOT23-6	U13
1	USB_A	PN87520_HOST_PTH	USB1
1	Closed(1-2)/Opened(2-3)	SJ_2_SMALL_12_TIED	3.3V1/VCC-PE:2.8V
1	TM211Q01FM22	TM211Q01FM22	LAN1
1	NA(HN2x20)	HN2x20	GPIO1
1	FPV-WZA21-40-LF	FPV-WZA21-40-LF	LCD_CON1
1	PV-WZA21-20-LF	FPV-WZA21-20-LF	MIPI-DSI1
14	10k	R0402	R37,R40,R42,R55,R85,R83,R95,R76,R79,R31,R48,R52,R21,R23
5	4.7k	R0402	R38,R69,R72,R64,R51
1	13k/1%	R0402	R41
6	NA(10k)	R0402	R61,R104,R15,R16,R17,R22
1	PCB_WIFI_ANT	bt_antenna	ANT1
9	1k	R0402	R68,R73,R67,R57,R84,R89,R91,R25,R28
1	470k	R0402	R63
1	2.49k/1%	R0402	R59
10	2.2k	R0402	R70,R71,R74,R82,R90,R88,R75,R77,R47,R50
2	NA(2.2k)	R0402	R101,R102
1	B4B-PH-K-S	B4B-PH-K-S	HSIC1
1	NA(100k)	R0402	R103
1	AXP803(QFN68_8x8mm)	QFN68	U14
1	0.01R/1%/1206	R1206	R78
3	T1107A(6x3,8x2,5MM)	6x3,8x2,5MM	PWRON1,RESET1,UBOOT1

A64-OlinuXino_Rev_A-BOM

1	8.25k/1%	R0402	R80
1	1.1k/1%	R0402	R81
2	100k	R0402	R30,R35
2	1.5k	R0402	R26,R29
1	NA(1M)	R0402	R32
1	3.92k/1%	R0402	R49
1	27k	R0402	R46
1	200k/1%	R0402	R27
1	GBH-254-SMT-10	HN2x5	UEXT1
3	243R/1%	R0402	R7,R9,R10
5	2k/1%	R0402	R11,R12,R1,R5,R8
2	NA(243R/1%)	R0402	R13,R14
1	HDMI-SWM-19	HDMI-SWM-19	HDMI1
1	NA(H27UBG8T2BTR-BC(TSOP48))	TSOP48	U4
1	MTFC4GACAANA-4M_IT(TBGA100)	TBGA100	U5
1	AllWinner-A64(FBGA396)	FBGA396	U1
1	MICRO_USB/MISB-SWMM-5AB_LF	USB-MICRO_MISB-SWMM-5B_LF	USB-OTG1