

A64-OlinuXino_Rev_E-1G0G-BOM

16.11.2017

Quantity	Designation	Package	Designator
1	0.01R/1%/1206	R1206	R78
11	22R	R0402	R3,R4,R33,R100,R105,R109,R63,R64,R65,R69,R72
1	100R/1%	R0402	R2
1	120R	R0603	R120
3	243R/1%	R0402	R7,R9,R10
1	470R	R0402	R25
12	1k	R0402	R117,R92,R89,R91,R107,R108, R110,R111,R112,R113,R114,R58
1	1.1k/1%	R0402	R81
7	2k/1%	R0402	R26,R29,R11,R12,R1,R5,R8
10	2.2k	R0402	R70,R71,R74,R82,R90,R88,R75,R77,R47,R50
1	3.92k/1%	R0402	R49
2	4.7k	R0402	R38,R51
1	8.25k/1%	R0402	R80
13	10k	R0402	R37,R40,R42,R85,R83,R95,R76, R79,R31,R52,R99,R106,R119
1	12.1k/1%	R0603	R115
1	13k/1%	R0402	R41
1	27k	R0402	R46
1	47k	R0402	R59
4	100k	R0402	R103,R30,R35,R116
1	200k/1%	R0402	R27
1	10M	R0402	R93
3	RA0805_(4X0402)_22R	RA0805	RM1,RM15,RM14
1	RA0805_(4X0402)_4.7k	RA0805	RM8
1	RA1206_(4x0603)_4B8_100k	RA1206	RM7
2	2.7nH/L0402	L0402	L7,L9
3	SWPA3015S1R5NT(1.5uH/2.30A/DCR<0.1R/CD32)	CD32	L19,L20,L14
3	SWPA4018S1R5NT(1.5uH/3.35A/DCR<0.1R/CD43)	CD43	L17,L15,L18
1	2.2uH/3A/YS75/7x8	7X8MM	L16
9	FB0805/600R/2A	L0805	L2,L3,L4,L5,L6,L8,L21,L23,L24
2	22pF/50V/5%	C0402	C183,C184
3	24pF	C0402	C198,C88,C93
8	33pF/50V/5%	C0402	C187,C48,C62,C185,C84,C85,C212,C213
1	1nF/2kV/10%/X7R	C1206	C196
76	100nF/10V/10%	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,C46,C50,C51,C52,C58,C60,C65, C66,C67,C72,C73,C74,C79,C80,C45,C82,C83,C86, C87,C109,C110,C115,C117,C123,C127,C130,C132, C134,C155,C156,C158,C177,C186,C189,C191,C195, C197,C199,C200,C203,C206,C207,C208,C209,C210, C215,C216,C217
12	1uF/10V/10%	C0603	C27,C55,C120,C135,C137,C142,C160,C163, C181,C182,C190,C211
2	2.2uF/6.3V/10%	C0603	C56,C61
60	10uF/6.3V/20%	C0603	C162,C5,C10,C16,C21,C26,C47,C49,C53,C54,C57, C59,C63,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,C164,C165,C166,C167, C168,C169,C170,C171,C172,C173,C175,C176,C178, C179,C188,C192,C194
5	22uF/6.3V/20%	C0603	C204,C205,C214,C218,C219
10	47uF/6.3V/20%	C0805	C64,C68,C71,C75,C78,C118,C119,C180,C201,C202
1	LED/YELLOW/0603	LED_0603	CHGLED1
2	LED/Red/0603	LED_0603	PWRLED1,GPIO_LED1
1	FSMD035	FUSE-1206	FUSE1
2	1N5822/SS34/SMA	SMA	D2,D3
1	1N5819(S4SOD-123)	SOD-123	D4
1	1N4007/SMA	SMA-KA	D5
1	SMBJ6.0A	DO214AA	D1
1	BSS138(SOT23-3)	SOT23	FET1
1	IRLML6402(SOT-23)	SOT23	FET2
1	WPM1481-6/TR(DFN2X2-6L)	DFN2x2-6L	T1
1	AMS1117(ADJ)	SOT223	VR1
1	AllWinner-A64(FBGA396)	FBGA396	U1

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1	AXP803(QFN68_8x8mm)	QFN68	U14
2	K4B4G1646Q-HYK0(256Mx16_DDR3-1600_11-11-11)	FBGA96	U2,U3
1	KSZ9031RNXCC(QFN48)	QFN48	U15
2	SY6280AAC(SOT23-5)	SOT-23-5	U6,U9
1	MT3608(SOT23-6)	SOT23-6	U13
1	Q32.768kHz/12.5pF/20ppm/4P/SMD8038	SMD8038	Q2
1	Q24MHZ/20pF/20ppm/2P/5x3.2mm	5.0x3.2mm	Q3
1	Q25MHZ/20pF/20ppm/2P/5x3.2mm	5.0x3.2mm	Q4
1	MICRO_SD(TFC-WPAPR-08)	TFC-WPAPR-08	MICRO_SD1
1	MICRO_USB/MISB-SWMM-5B_LF	MISB-SWMM-5B_LF	USB-OTG1
1	TM211Q01FM22	TM211Q01FM22	LAN1
2	SCJ325P00XG0B02G	SCJ325P00XG0B02G	HEADPHONES/LINEOUT1,MIC/LINEIN1
1	FPV-WZA21-40-LF	FPV-WZA21-40-LF	LCD_CON1
1	FPV-WZA21-20-LF	FPV-WZA21-20-LF	MIPI-DSI1
1	HN1x2(Opened)	HN1x2	PHYRST1
1	HN1x3	HN1x3	DBG_UART1
1	DW02R	DW02R	LIPO_BAT1
1	HDMI-SWM-19	HDMI-SWM-19	HDMI1
1	USB_A_VERTICAL	USB_A_VERTICAL	USB1
1	PWRJ-2mm(YDJ-1134)	PWRJ-2mm(YDJ-1134)	PWR1
3	IT-1185AU2-160G-G-TR	uTACTIL	PWRON1,RESET1,UBOOT1
4	0R(Board_Mounted)	R0402	R34,R86,R87,R94
1	0R(Board_Mounted)	R0603	R36
10	NA	R0402	R96,R97,R98,R84,R19,R20,R24,R6,R118,R55
1	NA(0R)	R0402	R60
4	NA(22R)	R0402	R18,R54,R66,R68
2	NA(243R/1%)	R0402	R13,R14
4	NA(510R)	R0402	R39,R43,R44,R45
1	NA(1k)	R0402	R28
2	NA(2.2k)	R0402	R101,R102
13	NA(10k)	R0402	R61,R104,R48,R15,R16,R17,R22, R21,R23,R53,R56,R57,R67
2	NA(RA1206_(4x0603)_4B8_100k)	RA1206	RM9,RM12
1	NA(1M)	R0402	R32
3	NA(RCLAMP0524P(SLP2510P8))	SLP2510P8	U7,U8,U10
1	NA(3.3nH/L0402)	L0402	L10
1	NA(0.8pF/C0402)	C0402	C106
1	NA(1.5pF/C0402)	C0402	C107
1	NA(10pF/50V/5%)	C0402	C105
1	NA(1nF/50V/10%)	C0402	C193
9	NA(100nF/10V/10%)	C0402	C35,C37,C39,C40,C41,C44,C90,C92,C81
3	NA(2.2uF/6.3V/10%)	C0603	C36,C38,C43
3	NA(10uF/6.3V/20%)	C0603	C91,C89,C174
1	NA(22uF/6.3V/20%)	C0603	C42
4	NA(47uF/6.3V/20%)	C0805	C69,C70,C76,C77
1	NA(FB0805/600R/2A)	L0805	L1
1	NA(5025)	FUSE-5025	FUSE2
1	NA(W25Q128FVSIG)	SO-8	U12
1	NA(KLMAG2GEND-B031(FBGA153))	FBGA153	U5
1	NA(RTL8723BS(ComboModule))	RTL8723BS	U11
1	NA(MT29F64G08CBABA-WP(TSOP48))	TSOP48	U4
1	NA(HN2x5)	HN2x5	UEXT1
1	NA(HN2x20)	HN2x20	GPIO1
1	NA(B4B-PH-K-S)	B4B-PH-K-S	HSIC1
3	Opened	SJ	5V_E1,HSIC_E1,WP_Enable1
1	Unsoldered	SJ	NAND_E1
1	Opened(2-3);Closed(1-2)	SJ_2	3.3V/VCC-PE:2.8V1
3	Opened(2-3);Soldered(1-2)	SJ_2	LINEINL/MICIN2,LINEINR/MICIN1,PWR_PC1
2	Soldered(1-2);Opened(2-3)	SJ_2	HPHONEOUTL/LINEOUTL1,HPHONEOUTR/LINEOUTR1
1	PCB_WIFI_ANT	BT_Antenna_Inverted	ANT1