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4 22pF				
4 27pF			 	C81, C85, C175, C183
B				
1 InF/2kV/X7R/1206		•	_	
4 100F	8	1nF	C-EUC0402_TI	C147, C161
C-EUC0402_TI	1	1nF/2kV/X7R/1206	C-EUC1206_5MILS_WS_ISO	C89
14 100nF C-EUC0402_T C110, C111, C120, C126, C167, C203	4	10nF	C-EUC0402_TI	
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C44, C45, C46, C48, C49, C50, C51, C52, C53, C56, C57, C58, C65, C66, C67, C68, C69, C70, C71, C72, C73, C77, C78, C95, C69, C70, C71, C72, C73, C77, C78, C95, C100, C103, C104, C105, C106, C107, C121, C123, C137, C152, C156, C162, C168, C170 2 470nF				
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C100, C103, C104, C105, C106, C107, C121, C123, C137, C152, C156, C162, C166, C177, C121, C123, C137, C152, C156, C162, C166, C170 2 470nF				
C121, C123, C137, C152, C156, C162, C168, C170				
80 220nF C-EUC0402_TI C168, C170 2				
2 470nF	90	220nE	C-EUC0402 TI	
6 1uF/6.3V				·
C55, C79, C101, C102, C108, C117, C124, C130, C132, C134, C135, C136, C138, C142, C144, C146, C149, C153, C157, C158, C159, C160, C163 C155, C74, C75, C92, C94, C96, C97, C98, C118, C119, C122, C125, C139, C140, C148, C151, C155, C164, C165, C166, C169, C172, C176, C177, C178, C179, C180, C181, C182, C184, C185, C186, C193, C194 4 22uF/6.3V				•
C130, C132, C134, C135, C136, C138, C142, C144, C144, C149, C153, C157, C158, C158, C159, C160, C163 C15, C74, C75, C92, C94, C96, C97, C98, C118, C119, C122, C125, C139, C140, C148, C151, C155, C164, C165, C166, C169, C172, C176, C177, C178, C179, C180, C181, C182, C184, C185, C184, C185, C186, C193, C194 6 47uF/6.3V	\vdash	±ui /0.0 v	C 200000_DVV3	
C142, C144, C146, C149, C153, C157, C158, C159, C160, C163				
23 10uF/6.3V C-EUC0603_DWS C158, C159, C160, C163 C15, C74, C75, C92, C94, C96, C97, C98, C118, C119, C122, C125, C139, C140, C148, C151, C155, C164, C165, C166, C169, C172, C176, C177, C178, C179, C180, C181, C182, C184, C185, C186, C169, C172, C184, C185, C186, C169, C172, C176, C177, C178, C179, C180, C181, C182, C184, C185, C186, C193, C194 6 47uF/6.3V C-EUC0805_5MIL_D C187, C188, C189, C190, C201, C202 1 470uF/10V/105C CPOL-EUE2.5-6.3 C174 1 1N4148/SOD80C DSMD D6 SCHOTKKY7.62SS-1N5819 C34SOD-123) D1, D2 1 1N5819(S4SOD-123) D-MLL-41 D5 1 SMBJ6.0A SMBJ16A D4				
C15, C74, C75, C92, C94, C96, C97, C98, C118, C119, C122, C125, C139, C140, C148, C151, C155, C164, C165, C166, C169, C172, C176, C177, C178, C179, C180, C181, C182, C184, C185, C186, C193, C194 6 47uF/6.3V	23	10uF/6.3V	C-EUC0603_DWS	
C148, C151, C155, C164, C165, C166, C169, C172, C176, C177, C178, C179, C180, C181, C182, C184, C185, C186, C193, C194 6 47uF/6.3V				
C169, C172, C176, C177, C178, C179, C180, C181, C182, C184, C185, C186, C193, C194 6 47uF/6.3V				
34 22uF/6.3V C-EUC0603_DWS C181, C182, C184, C185, C186, C193, C194 6 47uF/6.3V C-EUC0805_5MIL_D C187, C188, C189, C190, C201, C202 1 470uF/10V/105C CPOL-EUE2.5-6.3 C174 1 1N4148/SOD80C DSMD D6 SCHOTKKY7.62SS-1N5819 SCHOTKKY7.62SS-1N5819 D1, D2 1 1N5819(S4SOD-123) D1, D2 1 1N5822/SS34/SMA D-MLL-41 D5 1 SMBJ6.0A SMBJ16A D4				
34 22uF/6.3V C-EUC0603_DWS C193, C194 6 47uF/6.3V C-EUC0805_5MIL_D C187, C188, C189, C190, C201, C202 1 470uF/10V/105C CPOL-EUE2.5-6.3 C174 1 1N4148/SOD80C DSMD D6 SCHOTKKY7.62SS-1N5819 C174 C174 2 1N5819(S4SOD-123) C174 C174 3 1N5822/SS34/SMA D-MLL-41 D5 4 1 SMBJ16A D4				
6 47uF/6.3V C-EUC0805_5MIL_D C187, C188, C189, C190, C201, C202 1 470uF/10V/105C CPOL-EUE2.5-6.3 C174 1 1N4148/SOD80C DSMD D6 SCHOTKKY7.62SS-1N5819 SCHOTKKY7.62SS-1N5819 D1, D2 1 1N5819(S4SOD-123) D-MLL-41 D5 1 SMBJ6.0A SMBJ16A D4	34	22uF/6.3V	C-EUC0603 DWS	
1 470uF/10V/105C CPOL-EUE2.5-6.3 C174 1 1N4148/SOD80C DSMD D6 SCHOTKKY7.62SS-1N5819 2 1N5819(S4SOD-123) D1, D2 1 1N5822/SS34/SMA D-MLL-41 D5 1 SMBJ6.0A SMBJ16A D4				
1 1N4148/SOD80C DSMD D6 SCHOTKKY7.62SS-1N5819 2 1N5819(S4SOD-123) D1, D2 1 1N5822/SS34/SMA D-MLL-41 D5 1 SMBJ6.0A SMBJ16A D4				· · · · · · · · · · · · · · · · · · ·
SCHOTKKY7.62SS-1N5819 D1, D2 D1, D2 D5 SMBJ6A D4 D4 D4 D5 D4 D5 D4 D5 D4 D5 D5				
2 1N5819(S4SOD-123) (S4SOD-123) D1, D2 1 1N5822/SS34/SMA D-MLL-41 D5 1 SMBJ6.0A SMBJ16A D4				
1 SMBJ6.0A SMBJ16A D4	2	1N5819(S4SOD-123)		D1, D2
	1	1N5822/SS34/SMA	D-MLL-41	
1 LED/GREEN/0603 LEDLED-0603_TEST LED1				
	1	LED/GREEN/0603	LEDLED-0603_TEST	LED1

A20-OLinuXino-Lime_s16MB_Rev_I-BOM

1	LED/DED/0603	LEDIED 0602 TEST	DWD LED
1	LED/RED/0603 LED/YELLOW/0603	LEDLED-0603_TEST LEDLED-0603_TEST	PWR_LED CHGLED
	2.2uH/NR3015T2R2M/1.5A/3015	L-CD32	L10, L11, L12, L13, L14, L15
	FB0805/600R/2A	L-USL0805 5MIL DWS	L2, L4, L5, L6, L7, L8, L9
	BC846B	NPN-TRANSISTOR SOT23	T1
	BSS138(SOT23-3)	N-MOS+DIODBSS138(SOT23-3)	FET4
	, ,	` '	
	IRLML6402	P-MOS+DIODIRLML6402	FET1, FET2, FET3
	Q32.768kHz/12.5pF/2P/SMD1206	MC-306_MC-306-TEST	Q2
	Q24MHZ/20pF/20ppm/2P/5x3.2mm	HC49/STEST	Q3
	Q25MHZ/20pF/20ppm/2P/5x3.2mm	HC49/STEST	Q1
	FSMD035	FUSE	FUSE1
1	A20	A10	U7
	AP1231-2.5V(SOT23-5)	AP1231-33	VR1
	AT24C16C-SSHM-T(SOIC-8)	24LCXX	U3
1	AXP209(QFN48)	AXP209	U12
1	IVADAC1CACD DOVO	H5TQ2G63BFR_	114
	K4B4G1646D-BCK0	MEM4G16D3EABG-125PHIS	U1
1_	LAN8710A-EZC(QFN-32)	LAN8710A-EZC	U2
	MCP121T-475I/TT	RESETMCP130T-300-I/TT	U20
	MT3608(SOT23-6)	SY7208	U14
	SY6280(SOT23-5)	SY6280	U9, U10, U11
	SY8089AAAC(SOT23-5)	SY8008	U13, U15
	W25Q128FVSIG	W25Q16BVSSIG(SO-8)	U22
2	DW02R	CON2DW02R	5V_SATA_PWR, LIPO_BAT
1	GPH127SMT-02X10(PA-V16X-2X10-LF)	ML20YA-V36P-2X10-LF	GPIO-4
	GPH127SMT-02X20(PA-V16X-2X20-LF)	ML40YA-V36P-2X20-LF	GPIO-1, GPIO-2, GPIO-3, LCD_CON
	HDMI-SWM-19	HDMI-MC34931HDMI-SWM-19	HDMI
	HN1X3	CON3HN1X3	UART0
1	PWRJ-2mm(YDJ-1134)	PWR-JAKPWR_JACK_UNI_MILLING	PWR_JACK
1	RJLBC-060TC1	RJLBC-060TC1_GND_MILLING	LAN
1	SATA-PWA-07	SATA-PWA-07"	SATA
3	SIDE_WTCM-TR(3X4)	SW-TAKTSIDE_WTCM-TR(3X4)	PWR, RECOVERY, RESET
		MICRO_SD/MMC_CP_	
	TFC-WPAPR-08	NEWTFC-WPAPR-08	SD/MMC1
1	USB-OTG (MSB-SW-5AB-LF)	MINI_USB9	USB_OTG
2	USB_A_VERTICAL	USB_SHIELDUSB_A_VERTICAL	USB_HOST1, USB_HOST2
1	Close	SJSJ_1_SMALLER_CLOSE_10MILS	NAND_E
2	Open	SJSJ_SMALLER	5V_E, 5V_E_SATA
1	Opened	SJSJ_SMALLER	WP_ENABLE
1	PB9:Closed/PH7_USB:Opened	SJ2W5	PB9/PH7_USB
1	PB9:Opened/PH7_GPIO:Closed	SJ2W5	PB9/PH7_GPIO
1	PC3:Closed/PB8:Opened	SJ2W5	PC3/PB8
1	NA	C-EUC0402_TI	C204
1	NA	C-EUC0603 DWS	C59
1	NA	C-EUC1206_5MILS_WS_ISO	C88
5	NA	R-EU_R0402_TI	R22, R24, R76, R92, R96
3	NA	R-EU R0603 5MIL DWS	R4, R38, R39
	NA(0R)	R-EU R0603 5MIL DWS	R34
Τ.	INA(OK)	<u>. – – – – – – – – – – – – – – – – – – –</u>	
	` '	SCHOTKKY7.62SS2	D3
1	NA(1N5822/SS34/SMA)	SCHOTKKY7.62SS2 R-EU R0603 5MIL DWS	
1 2	NA(1N5822/SS34/SMA) NA(2.2k)	R-EU_R0603_5MIL_DWS	R15, R16
1 2 3	NA(1N5822/SS34/SMA) NA(2.2k) NA(2.2uF/6.3V)	R-EU_R0603_5MIL_DWS C-EUC0603_DWS	R15, R16 C195, C197, C200
1 2 3 5	NA(1N5822/SS34/SMA) NA(2.2k) NA(2.2uF/6.3V) NA(10k)	R-EU_R0603_5MIL_DWS C-EUC0603_DWS R-EU_R0402_TI	R15, R16 C195, C197, C200 R17, R18, R20, R88, R91
1 2 3 5 1	NA(1N5822/SS34/SMA) NA(2.2k) NA(2.2uF/6.3V) NA(10k) NA(22R)	R-EU_R0603_5MIL_DWS C-EUC0603_DWS R-EU_R0402_TI R-EU_R0402_TI	R15, R16 C195, C197, C200 R17, R18, R20, R88, R91 R87
1 2 3 5 1 2	NA(1N5822/SS34/SMA) NA(2.2k) NA(2.2uF/6.3V) NA(10k) NA(22R) NA(10k)	R-EU_R0603_5MIL_DWS C-EUC0603_DWS R-EU_R0402_TI R-EU_R0402_TI <i>R-EU_R0402_TI</i>	R15, R16 C195, C197, C200 R17, R18, R20, R88, R91 R87 R89, R90
1 2 3 5 1 2	NA(1N5822/SS34/SMA) NA(2.2k) NA(2.2uF/6.3V) NA(10k) NA(22R) NA(10k) NA(22R)	R-EU_R0603_5MIL_DWS C-EUC0603_DWS R-EU_R0402_TI R-EU_R0402_TI <i>R-EU_R0402_TI</i> C-EUC0603_DWS	R15, R16 C195, C197, C200 R17, R18, R20, R88, R91 R87 R89, R90 C54, C112, C141, C191, C192
1 2 3 5 1 2 6	NA(1N5822/SS34/SMA) NA(2.2k) NA(2.2uF/6.3V) NA(10k) NA(22R) NA(10k) NA(22R) NA(10k) NA(20F/6.3V) NA(100nF)	R-EU_R0603_5MIL_DWS C-EUC0603_DWS R-EU_R0402_TI R-EU_R0402_TI R-EU_R0402_TI C-EUC0603_DWS C-EUC0402_TI	R15, R16 C195, C197, C200 R17, R18, R20, R88, R91 R87 R89, R90 C54, C112, C141, C191, C192 C82, C83, C84, C196, C198, C199
1 2 3 5 1 2 5	NA(1N5822/SS34/SMA) NA(2.2k) NA(2.2uF/6.3V) NA(10k) NA(22R) NA(10k) NA(22R) NA(10k) NA(20H/6.3V) NA(100nF) NA(FB0805/600R/2A)	R-EU_R0603_5MIL_DWS C-EUC0603_DWS R-EU_R0402_TI R-EU_R0402_TI <i>R-EU_R0402_TI</i> C-EUC0603_DWS	R15, R16 C195, C197, C200 R17, R18, R20, R88, R91 R87 R89, R90 C54, C112, C141, C191, C192
1 2 3 5 1 2 5 6	NA(1N5822/SS34/SMA) NA(2.2k) NA(2.2uF/6.3V) NA(10k) NA(22R) NA(10k) NA(22B) NA(10k) NA(20F/6.3V) NA(100nF) NA(FB0805/600R/2A) NA(H27UBG8T2BTR_or_	R-EU_R0603_5MIL_DWS C-EUC0603_DWS R-EU_R0402_TI R-EU_R0402_TI R-EU_R0402_TI C-EUC0603_DWS C-EUC0402_TI L-USL0805_5MIL_DWS	R15, R16 C195, C197, C200 R17, R18, R20, R88, R91 R87 R89, R90 C54, C112, C141, C191, C192 C82, C83, C84, C196, C198, C199 L1
1 2 3 5 1 2 5 6 1	NA(1N5822/SS34/SMA) NA(2.2k) NA(2.2uF/6.3V) NA(10k) NA(22R) NA(10k) NA(22uF/6.3V) NA(10h) NA(20uF/6.3V) NA(100nF) NA(FB0805/600R/2A) NA(H27UBG8T2BTR_or_ MT29F64G08CBABAWP:BTR(8GB_NAND))	R-EU_R0603_5MIL_DWS C-EUC0603_DWS R-EU_R0402_TI R-EU_R0402_TI R-EU_R0402_TI C-EUC0603_DWS C-EUC0402_TI L-USL0805_5MIL_DWS H27UBG8T2A	R15, R16 C195, C197, C200 R17, R18, R20, R88, R91 R87 R89, R90 C54, C112, C141, C191, C192 C82, C83, C84, C196, C198, C199 L1
1 2 3 5 1 2 5 6 1 1	NA(1N5822/SS34/SMA) NA(2.2k) NA(2.2uF/6.3V) NA(10k) NA(22R) NA(10k) NA(22uF/6.3V) NA(10h) NA(20uF/6.3V) NA(100nF) NA(FB0805/600R/2A) NA(H27UBG8T2BTR_or_ MT29F64G08CBABAWP:BTR(8GB_NAND)) NA(HN1X2)	R-EU_R0603_5MIL_DWS C-EUC0603_DWS R-EU_R0402_TI R-EU_R0402_TI C-EUC0603_DWS C-EUC0402_TI L-USL0805_5MIL_DWS H27UBG8T2A CON2HN1X2	R15, R16 C195, C197, C200 R17, R18, R20, R88, R91 R87 R89, R90 C54, C112, C141, C191, C192 C82, C83, C84, C196, C198, C199 L1 U4 BACKUP
5 1 2 5 6 1 1 1	NA(1N5822/SS34/SMA) NA(2.2k) NA(2.2uF/6.3V) NA(10k) NA(22R) NA(10k) NA(22uF/6.3V) NA(100nF) NA(FB0805/600R/2A) NA(FB0805/600R/2A) NA(H27UBG8T2BTR_or_ MT29F64G08CBABAWP:BTR(8GB_NAND)) NA(HN1X2) NA(KLMAG2GEND-B031(FBGA153))	R-EU_R0603_5MIL_DWS C-EUC0603_DWS R-EU_R0402_TI R-EU_R0402_TI C-EUC0603_DWS C-EUC0402_TI L-USL0805_5MIL_DWS H27UBG8T2A CON2HN1X2 FBGA153	R15, R16 C195, C197, C200 R17, R18, R20, R88, R91 R87 R89, R90 C54, C112, C141, C191, C192 C82, C83, C84, C196, C198, C199 L1 U4 BACKUP
1 2 3 5 1 2 5 6 1 1 1 1 1	NA(1N5822/SS34/SMA) NA(2.2k) NA(2.2uF/6.3V) NA(10k) NA(22R) NA(10k) NA(22uF/6.3V) NA(10h) NA(20uF/6.3V) NA(100nF) NA(FB0805/600R/2A) NA(H27UBG8T2BTR_or_ MT29F64G08CBABAWP:BTR(8GB_NAND)) NA(HN1X2)	R-EU_R0603_5MIL_DWS C-EUC0603_DWS R-EU_R0402_TI R-EU_R0402_TI C-EUC0603_DWS C-EUC0402_TI L-USL0805_5MIL_DWS H27UBG8T2A CON2HN1X2	R15, R16 C195, C197, C200 R17, R18, R20, R88, R91 R87 R89, R90 C54, C112, C141, C191, C192 C82, C83, C84, C196, C198, C199 L1 U4 BACKUP