STMP157-OLinuXino-LIME2H_EXT_Rev_B1

Qty	Designation	Package	Designator
	0R/R0402	R 0402 5MIL DWS	R12,R43,R44,R46,R47,R134
	OR Board Mounted		R2,R3
	0.03R/1%/R1206	R 1206 5MIL DWS	R128
<u> </u>	0.03R/190/R1200	R_1200_5WIL_DWS	
40	000	D 0400 FAUL DIAG	R42,R63,R71,R72,R74,R75,R91,R92,
12	22R	R_0402_5MIL_DWS	R106,R108, R135 ,R139
			R15,R16,R17,R18,R19,R20,R21,R22,R23,R24,R25,
			R26,R27,R28,R29,R30,R31,R32,R33,R34,R35,R36,
25	56R/1%	R_0402_5MIL_DWS	R37,R38,R39
1	100R/1%	R 0402 5MIL DWS	R11
1	120R	R 0603 5MIL DWS	R57
	330R	R 0402 5MIL DWS	R129
			-
	120R/1206	R_1206_5MIL_DWS	R122
3	243R/1%	R_0402_5MIL_DWS	R4,R8,R13
10		5 0400 51411 5140	R48,R49,R50,R61,R64,R65,R66,R67,R68,
13		R_0402_5MIL_DWS	R69,R76,R105,R131
2	1.1k/1%/R0402	R_0402_5MIL_DWS	R98,R116
2	1.5k	R 0402 5MIL DWS	R110,R111
	2.2k	R 0402 5MIL DWS	R41,R52,R70,R77,R78,R82,R101,R103,R109
		R 0402_5MIL_DWS	
	3.01k/1%		R114
	4.99k/1%/R0402	R_0402_5MIL_DWS	R115
1	5.6k	R_0402_5MIL_DWS	R87
2	6.81k/1%	R 0402 5MIL DWS	R125,R126
	8.25k/1%	R 0402 5MIL DWS	R97
⊢∸			R130,R80,R88,R93,R10,R51,R53,R55,R58,
			R73,R89,R104,R117,R118,R119,R121,
21	101/	D 0402 FMIL DWC	R132,R136,R138,R140,R102
	10k	R_0402_5MIL_DWS	
	10k/1%/R0402	R_0402_5MIL_DWS	R113
1	12.1k/1%	R_0603_5MIL_DWS	R59
1	12.4k/1%/R0402	R 0402 5MIL DWS	R112
-	13k/1%	R 0402 5MIL DWS	R124
	100k	R 0402 5MIL DWS	R54,R60
1	200k/1%/R0402	R_0402_5MIL_DWS	R99
	1M	R_0402_5MIL_DWS	R137
2	RA0805_(4X0402)_22R	RA0805_(4X0402)_xx_BIGGEROUTPADS	RM3,RM4
1	RA0805 (4X0402) 4.7k	RA0805_(4X0402)_xx_BIGGEROUTPADS	RM2
	RA1206 (4x0603) 4B8 100k	RA1206 (4X0603) 4B8 xx	RM1
2	24pF/50V/5%/COG	C 0402 5MIL DWS	C42,C43
	•		
	33pF/50V/5%	C_0402_5MIL_DWS	C50,C49
1	1nF/2kV/10%/X7R	C_1206_5MIL_DWS_ISO	C71
1	1nF/50V/10%/X7R/C0402	C 0402 5MIL DWS	C97
	10nF/50V/10%/X7R/C0402	C 0402 5MIL DWS	C40
- -	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		C3,C5,C7,C8,C10,C14,C15,C16,C17,C18,C19,C20,
			C21,C22,C25,C26,C27,C28,C29,C30,C31,C32,C33,
			C36,C37,C38,C39,C53,C54,C55,C56,C57,C59,C60,
			C62,C65,C69,C70,C73,C74,C75,C77,C78,C80,C81,
			C82,C83,C84,C85,C96,,C120,C123C125C126C127,
			C140,C141,C142,C143,C144,C145,C146C151C152,
			C153,C154,C155,C156,C158,C159,C160C161C162,
			C165,C167,C173,C181,C184,C185,C186C187C188,
84	100nF/10V/10%	C_0402_5MIL_DWS	C189,C190
			C2,C4,C6,C58,C95,C108,C112,C114,C136,
			C137,C138,C139,C149,C150,C157,C163,
18	1uF/10V/10%/X5R/C0603	C 0603 5MIL DWS	C164,C166
	4.7uF/6.3V/20%/X5R/C0603	C 0603 5MIL DWS	C99,C100,C109,C111,C124
⊢ٽ	ai 70.0 V/20 /0/X31 (700003	C_0000_SIVIIL_DVVO	
			C1,C23,C24,C34,C35,C44,C86,C90,C91,C92,C93,
			C98,C101,C102,C103,C104,C105,C106,C107,C113,
	10 5/0 0 //000 / 5/55/5	0 0000 5144 5145	C115,C116,C117,C118,C119,C121,C134,C135,
	10uF/6.3V/20%/X5R/C0603	C_0603_5MIL_DWS	C147,C148
9	22uF/6.3V/20%	C_0603_5MIL_DWS	C47,C48,C52,C63,C64,C72,C76,C79,C122
		_	C46,C51,C61,C87,C88,C89,C168,C169,C170,
12	47uF/6.3V/20%/X5R/C0805	C 0805 5MIL DWS	C172,C175,C176
	2.2uH/3A/YS75/7x8	YS75 7X8MM	L8
⊢∸	2.2uH/1.5A/20%/3x3x1.5mm/	1.0.0_17(0)(1)(1)	
5	2.2uH/1.5A/20%/3x3x1.5mm/ CD32(NR3015T2R2M)	CD32	L9,L10,L11,L12,L17
	ODOZ(IMI (OOTO I ZI (ZIVI))	0002	,,,

${\sf STMP157-OLinuXino-LIME2H_EXT_Rev_B1}$

1		1	
	4.7uH/0805/LQM21FN4R7M70L	L_0805_5MIL_DWS	L13
8	FB0805/600R/2A	L_0805_5MIL_DWS	L1,L2,L3,L4,L7,L14,L15,L16
1	1N4007/SMA	SMA-KA	D1
1	1N5822/SS34/SMA	SMA-KA	D2
1	SMBJ6.0A	DO214AA 1(K)-2(A)	D4
	1N5819S4(SOD123)	SOD-123 1C-2A KA	D3,D5
	1		'
1	LED/YELLOW/0603	LED_0603_KA	CHGLED1
2	LED/Red/0603	LED_0603_KA	PWRLED1,LED1
2	IRLML6402(SOT-23)	SOT23	FET2,FET4
1	BSS138(SOT-23)	SOT23	FET3
1	LMUN2211LT1G(SOT-23)	SOT23	T1
	Q32.768kHz/12.5pF/		
1	2P/SMD1206	CM7V-T1A(Package-1206_3.20x1.50)	Q1
	Q25MHz/20pF/20ppm/		
1	4P/3.2x2.5mm	TSX-3.2x2.5mm_GND(3)	Q3
_	SMD5032/24Mhz/20ppm/	1 6 7 6 12 7 2 10 11 11 1 2 1 1 2 (6)	4.0
1	3.3V/-40+85	5032-4P HCX-3S	CR1
	FSMD035	FUSE-1206	FUSE1
	AXP209(QFN-48)	QFN48-6x6mm-OLIMEX_V2	U18
	SY6280AAC(SOT23-5)	SOT-23-5	U12,U13,U14
1	RT9026GFP(MSOP-10)	MSOP-10-EP_Pitch-0.5mm_	U19
1	IT66121FN	QFN64_9x9mm_Pitch_0.5mm	U8
	K4B4G1646E-BMMA0CV	FBGA96(HYNIX_SAMSUNG_DDR3)	U2,U3
	STM32MP157DAA1	LFBGA-448(Pitch-0.8mm Pad-0.4mm)	U1
	KSZ9031RNXIC-TR	QFN48 1DRILL(PADPITCH-0.5MM)	U4
		SOIC-8 150mil	U9
	AT24C16C-SSHM-T		
	MT3608(SOT23-6)	SOT23-6	U10
	SIT1050T(SOIC-8_150mil)	SOIC-8_150mil	U15
1	LD1117AG-AD-AA3-A-R	SOT223	VR1
2	SY8089AAAC(SOT23-5)	SOT-23-5	U11,U17
	MCP121T475I-TT(SOT23-3)	SOT-23	U20
	AP1231-3.3V(SOT23-5)	SOT-23-5	VR2
	SIDE WTCM-TR(3X4)	SW-TAKT3X4	PWRON1,RESET1
	` ′		
	DF12(3.0)-40DS-0.5V(86)	Flash_Con[DF12(3.0)-40DS-0.5V(86)]	Flash_Con1
1	TM211Q01FM22	TM211Q01FM22	LAN1
1	USB-OTG(MSB-SW-5AB-LF)	USB MINI 9PIN SD	ILISP OTC1
	, ,		USB-OTG1
1	PWRJ-2mm(YDJ-1134)	PWRJ-2mm(YDJ-1134)	PWR1
1	, ,		
	PWRJ-2mm(YDJ-1134) MALE-PAV16X-2x10-HIGH	PWRJ-2mm(YDJ-1134) GPH127SMT-02X10(PA-V16X-2X10-LF)	PWR1 GPIO4
1 4	PWRJ-2mm(YDJ-1134) MALE-PAV16X-2x10-HIGH MALE-PAV16X-2x20-HIGH	PWRJ-2mm(YDJ-1134) GPH127SMT-02X10(PA-V16X-2X10-LF) GPH127SMT-02X20(PA-V16X-2X20-LF)	PWR1 GPIO4 GPIO-1,GPIO-2,GPIO-3,LCD_CON1
1 4 1	PWRJ-2mm(YDJ-1134) MALE-PAV16X-2x10-HIGH MALE-PAV16X-2x20-HIGH HDMI-SWM-19	PWRJ-2mm(YDJ-1134) GPH127SMT-02X10(PA-V16X-2X10-LF) GPH127SMT-02X20(PA-V16X-2X20-LF) HDMI-SWM-19	PWR1 GPIO4 GPIO-1,GPIO-2,GPIO-3,LCD_CON1 HDMI1
1 4 1	PWRJ-2mm(YDJ-1134) MALE-PAV16X-2x10-HIGH MALE-PAV16X-2x20-HIGH HDMI-SWM-19 TB3-3.5mm	PWRJ-2mm(YDJ-1134) GPH127SMT-02X10(PA-V16X-2X10-LF) GPH127SMT-02X20(PA-V16X-2X20-LF) HDMI-SWM-19 TB3-3.5mm	PWR1 GPIO4 GPIO-1,GPIO-2,GPIO-3,LCD_CON1 HDMI1 CAN1
1 4 1 1	PWRJ-2mm(YDJ-1134) MALE-PAV16X-2x10-HIGH MALE-PAV16X-2x20-HIGH HDMI-SWM-19 TB3-3.5mm DW02R	PWRJ-2mm(YDJ-1134) GPH127SMT-02X10(PA-V16X-2X10-LF) GPH127SMT-02X20(PA-V16X-2X20-LF) HDMI-SWM-19 TB3-3.5mm LIPO_BAT-CON2DW02R	PWR1 GPIO4 GPIO-1,GPIO-2,GPIO-3,LCD_CON1 HDMI1 CAN1 LIPO_BAT1
1 4 1 1 1	PWRJ-2mm(YDJ-1134) MALE-PAV16X-2x10-HIGH MALE-PAV16X-2x20-HIGH HDMI-SWM-19 TB3-3.5mm DW02R MICRO_SD(TFC-WPAPR-08)	PWRJ-2mm(YDJ-1134) GPH127SMT-02X10(PA-V16X-2X10-LF) GPH127SMT-02X20(PA-V16X-2X20-LF) HDMI-SWM-19 TB3-3.5mm LIPO_BAT-CON2DW02R TFC-WPAPR-08	PWR1 GPIO4 GPIO-1,GPIO-2,GPIO-3,LCD_CON1 HDMI1 CAN1 LIPO_BAT1 MICRO_SD1
1 4 1 1 1 1 2	PWRJ-2mm(YDJ-1134) MALE-PAV16X-2x10-HIGH MALE-PAV16X-2x20-HIGH HDMI-SWM-19 TB3-3.5mm DW02R MICRO_SD(TFC-WPAPR-08) USB_A_VERTICAL	PWRJ-2mm(YDJ-1134) GPH127SMT-02X10(PA-V16X-2X10-LF) GPH127SMT-02X20(PA-V16X-2X20-LF) HDMI-SWM-19 TB3-3.5mm LIPO_BAT-CON2DW02R TFC-WPAPR-08 USB_A_VERTICAL_PTH	PWR1 GPIO4 GPIO-1,GPIO-2,GPIO-3,LCD_CON1 HDMI1 CAN1 LIPO_BAT1 MICRO_SD1 USB1,USB2
1 4 1 1 1 2	PWRJ-2mm(YDJ-1134) MALE-PAV16X-2x10-HIGH MALE-PAV16X-2x20-HIGH HDMI-SWM-19 TB3-3.5mm DW02R MICRO_SD(TFC-WPAPR-08) USB_A_VERTICAL HN1x3	PWRJ-2mm(YDJ-1134) GPH127SMT-02X10(PA-V16X-2X10-LF) GPH127SMT-02X20(PA-V16X-2X20-LF) HDMI-SWM-19 TB3-3.5mm LIPO_BAT-CON2DW02R TFC-WPAPR-08 USB_A_VERTICAL_PTH HN1x3	PWR1 GPIO4 GPIO-1,GPIO-2,GPIO-3,LCD_CON1 HDMI1 CAN1 LIPO_BAT1 MICRO_SD1 USB1,USB2 DBG1
1 4 1 1 1 2	PWRJ-2mm(YDJ-1134) MALE-PAV16X-2x10-HIGH MALE-PAV16X-2x20-HIGH HDMI-SWM-19 TB3-3.5mm DW02R MICRO_SD(TFC-WPAPR-08) USB_A_VERTICAL	PWRJ-2mm(YDJ-1134) GPH127SMT-02X10(PA-V16X-2X10-LF) GPH127SMT-02X20(PA-V16X-2X20-LF) HDMI-SWM-19 TB3-3.5mm LIPO_BAT-CON2DW02R TFC-WPAPR-08 USB_A_VERTICAL_PTH	PWR1 GPIO4 GPIO-1,GPIO-2,GPIO-3,LCD_CON1 HDMI1 CAN1 LIPO_BAT1 MICRO_SD1 USB1,USB2
1 4 1 1 1 2 1 3	PWRJ-2mm(YDJ-1134) MALE-PAV16X-2x10-HIGH MALE-PAV16X-2x20-HIGH HDMI-SWM-19 TB3-3.5mm DW02R MICRO_SD(TFC-WPAPR-08) USB_A_VERTICAL HN1x3	PWRJ-2mm(YDJ-1134) GPH127SMT-02X10(PA-V16X-2X10-LF) GPH127SMT-02X20(PA-V16X-2X20-LF) HDMI-SWM-19 TB3-3.5mm LIPO_BAT-CON2DW02R TFC-WPAPR-08 USB_A_VERTICAL_PTH HN1x3	PWR1 GPIO4 GPIO-1,GPIO-2,GPIO-3,LCD_CON1 HDMI1 CAN1 LIPO_BAT1 MICRO_SD1 USB1,USB2 DBG1
1 4 1 1 1 2 1 3	PWRJ-2mm(YDJ-1134) MALE-PAV16X-2x10-HIGH MALE-PAV16X-2x20-HIGH HDMI-SWM-19 TB3-3.5mm DW02R MICRO_SD(TFC-WPAPR-08) USB_A_VERTICAL HN1x3 Opened Soldered	PWRJ-2mm(YDJ-1134) GPH127SMT-02X10(PA-V16X-2X10-LF) GPH127SMT-02X20(PA-V16X-2X20-LF) HDMI-SWM-19 TB3-3.5mm LIPO_BAT-CON2DW02R TFC-WPAPR-08 USB_A_VERTICAL_PTH HN1x3 SJ_1_SMALLER SJ_1_SMALLER	PWR1 GPIO4 GPIO-1,GPIO-2,GPIO-3,LCD_CON1 HDMI1 CAN1 LIPO_BAT1 MICRO_SD1 USB1,USB2 DBG1 BOOT1_VDD1,5V_E1,CAN_T1 BOOT0_VDD1,BOOT2_VDD1
1 4 1 1 1 2 1 3 2	PWRJ-2mm(YDJ-1134) MALE-PAV16X-2x10-HIGH MALE-PAV16X-2x20-HIGH HDMI-SWM-19 TB3-3.5mm DW02R MICRO_SD(TFC-WPAPR-08) USB_A_VERTICAL HN1x3 Opened Soldered Opened(2-3)/Closed(1-2)	PWRJ-2mm(YDJ-1134) GPH127SMT-02X10(PA-V16X-2X10-LF) GPH127SMT-02X20(PA-V16X-2X20-LF) HDMI-SWM-19 TB3-3.5mm LIPO_BAT-CON2DW02R TFC-WPAPR-08 USB_A_VERTICAL_PTH HN1x3 SJ_1_SMALLER SJ_1_SMALLER SJ_2_SMALL_12_TIED	PWR1 GPIO4 GPIO-1,GPIO-2,GPIO-3,LCD_CON1 HDMI1 CAN1 LIPO_BAT1 MICRO_SD1 USB1,USB2 DBG1 BOOT1_VDD1,5V_E1,CAN_T1 BOOT0_VDD1,BOOT2_VDD1 3.3V/5.0V1
1 1 1 1 2 1 3 2 1 5	PWRJ-2mm(YDJ-1134) MALE-PAV16X-2x10-HIGH MALE-PAV16X-2x20-HIGH HDMI-SWM-19 TB3-3.5mm DW02R MICRO_SD(TFC-WPAPR-08) USB_A_VERTICAL HN1x3 Opened Soldered Opened(2-3)/Closed(1-2) NA(100nF/10V/10%)	PWRJ-2mm(YDJ-1134) GPH127SMT-02X10(PA-V16X-2X10-LF) GPH127SMT-02X20(PA-V16X-2X20-LF) HDMI-SWM-19 TB3-3.5mm LIPO_BAT-CON2DW02R TFC-WPAPR-08 USB_A_VERTICAL_PTH HN1x3 SJ_1_SMALLER SJ_1_SMALLER SJ_2_SMALL_12_TIED C_0402_5MIL_DWS	PWR1 GPIO4 GPIO-1,GPIO-2,GPIO-3,LCD_CON1 HDMI1 CAN1 LIPO_BAT1 MICRO_SD1 USB1,USB2 DBG1 BOOT1_VDD1,5V_E1,CAN_T1 BOOT0_VDD1,BOOT2_VDD1 3.3V/5.0V1 C9,C11,C12,C13,C41
1 1 1 1 2 1 3 2 1 5	PWRJ-2mm(YDJ-1134) MALE-PAV16X-2x10-HIGH MALE-PAV16X-2x20-HIGH HDMI-SWM-19 TB3-3.5mm DW02R MICRO_SD(TFC-WPAPR-08) USB_A_VERTICAL HN1x3 Opened Soldered Opened(2-3)/Closed(1-2) NA(100nF/10V/10%) NA	PWRJ-2mm(YDJ-1134) GPH127SMT-02X10(PA-V16X-2X10-LF) GPH127SMT-02X20(PA-V16X-2X20-LF) HDMI-SWM-19 TB3-3.5mm LIPO_BAT-CON2DW02R TFC-WPAPR-08 USB_A_VERTICAL_PTH HN1x3 SJ_1_SMALLER SJ_1_SMALLER SJ_2_SMALL_12_TIED C_0402_5MIL_DWS R_0402_5MIL_DWS	PWR1 GPIO4 GPIO-1,GPIO-2,GPIO-3,LCD_CON1 HDMI1 CAN1 LIPO_BAT1 MICRO_SD1 USB1,USB2 DBG1 BOOT1_VDD1,5V_E1,CAN_T1 BOOT0_VDD1,BOOT2_VDD1 3.3V/5.0V1 C9,C11,C12,C13,C41 R40,R62,R81,R90,R120,R123
1 4 1 1 1 1 2 1 3 2 1 5 6	PWRJ-2mm(YDJ-1134) MALE-PAV16X-2x10-HIGH MALE-PAV16X-2x20-HIGH HDMI-SWM-19 TB3-3.5mm DW02R MICRO_SD(TFC-WPAPR-08) USB_A_VERTICAL HN1x3 Opened Soldered Opened(2-3)/Closed(1-2) NA(100nF/10V/10%) NA NA(24pF)	PWRJ-2mm(YDJ-1134) GPH127SMT-02X10(PA-V16X-2X10-LF) GPH127SMT-02X20(PA-V16X-2X20-LF) HDMI-SWM-19 TB3-3.5mm LIPO_BAT-CON2DW02R TFC-WPAPR-08 USB_A_VERTICAL_PTH HN1x3 SJ_1_SMALLER SJ_1_SMALLER SJ_2_SMALL_12_TIED C_0402_5MIL_DWS R_0402_5MIL_DWS C_0402_5MIL_DWS	PWR1 GPIO4 GPIO-1,GPIO-2,GPIO-3,LCD_CON1 HDMI1 CAN1 LIPO_BAT1 MICRO_SD1 USB1,USB2 DBG1 BOOT1_VDD1,5V_E1,CAN_T1 BOOT0_VDD1,BOOT2_VDD1 3.3V/5.0V1 C9,C11,C12,C13,C41 R40,R62,R81,R90,R120,R123 C66,C67
1 4 1 1 1 1 2 1 3 2 1 5 6 2	PWRJ-2mm(YDJ-1134) MALE-PAV16X-2x10-HIGH MALE-PAV16X-2x20-HIGH HDMI-SWM-19 TB3-3.5mm DW02R MICRO_SD(TFC-WPAPR-08) USB_A_VERTICAL HN1x3 Opened Soldered Opened(2-3)/Closed(1-2) NA(100nF/10V/10%) NA NA(24pF) NA(24pF/50V/5%/COG)	PWRJ-2mm(YDJ-1134) GPH127SMT-02X10(PA-V16X-2X10-LF) GPH127SMT-02X20(PA-V16X-2X20-LF) HDMI-SWM-19 TB3-3.5mm LIPO_BAT-CON2DW02R TFC-WPAPR-08 USB_A_VERTICAL_PTH HN1x3 SJ_1_SMALLER SJ_1_SMALLER SJ_2_SMALL_12_TIED C_0402_5MIL_DWS R_0402_5MIL_DWS C_0402_5MIL_DWS C_0402_5MIL_DWS	PWR1 GPIO4 GPIO-1,GPIO-2,GPIO-3,LCD_CON1 HDMI1 CAN1 LIPO_BAT1 MICRO_SD1 USB1,USB2 DBG1 BOOT1_VDD1,5V_E1,CAN_T1 BOOT0_VDD1,BOOT2_VDD1 3.3V/5.0V1 C9,C11,C12,C13,C41 R40,R62,R81,R90,R120,R123 C66,C67 C68
1 4 1 1 1 1 2 1 3 2 1 5 6 2 1	PWRJ-2mm(YDJ-1134) MALE-PAV16X-2x10-HIGH MALE-PAV16X-2x20-HIGH HDMI-SWM-19 TB3-3.5mm DW02R MICRO_SD(TFC-WPAPR-08) USB_A_VERTICAL HN1x3 Opened Soldered Opened(2-3)/Closed(1-2) NA(100nF/10V/10%) NA NA(24pF) NA(24pF/50V/5%/COG) NA	PWRJ-2mm(YDJ-1134) GPH127SMT-02X10(PA-V16X-2X10-LF) GPH127SMT-02X20(PA-V16X-2X20-LF) HDMI-SWM-19 TB3-3.5mm LIPO_BAT-CON2DW02R TFC-WPAPR-08 USB_A_VERTICAL_PTH HN1x3 SJ_1_SMALLER SJ_1_SMALLER SJ_2_SMALL_12_TIED C_0402_5MIL_DWS C_0402_5MIL_DWS C_0402_5MIL_DWS C_0402_5MIL_DWS C_0603_5MIL_DWS	PWR1 GPIO4 GPIO-1,GPIO-2,GPIO-3,LCD_CON1 HDMI1 CAN1 LIPO_BAT1 MICRO_SD1 USB1,USB2 DBG1 BOOT1_VDD1,5V_E1,CAN_T1 BOOT0_VDD1,BOOT2_VDD1 3.3V/5.0V1 C9,C11,C12,C13,C41 R40,R62,R81,R90,R120,R123 C66,C67 C68 C94
1 4 1 1 1 1 2 1 3 2 1 5 6 2 1	PWRJ-2mm(YDJ-1134) MALE-PAV16X-2x10-HIGH MALE-PAV16X-2x20-HIGH HDMI-SWM-19 TB3-3.5mm DW02R MICRO_SD(TFC-WPAPR-08) USB_A_VERTICAL HN1x3 Opened Soldered Opened(2-3)/Closed(1-2) NA(100nF/10V/10%) NA NA(24pF) NA(24pF/50V/5%/COG)	PWRJ-2mm(YDJ-1134) GPH127SMT-02X10(PA-V16X-2X10-LF) GPH127SMT-02X20(PA-V16X-2X20-LF) HDMI-SWM-19 TB3-3.5mm LIPO_BAT-CON2DW02R TFC-WPAPR-08 USB_A_VERTICAL_PTH HN1x3 SJ_1_SMALLER SJ_1_SMALLER SJ_2_SMALL_12_TIED C_0402_5MIL_DWS R_0402_5MIL_DWS C_0402_5MIL_DWS C_0402_5MIL_DWS	PWR1 GPIO4 GPIO-1,GPIO-2,GPIO-3,LCD_CON1 HDMI1 CAN1 LIPO_BAT1 MICRO_SD1 USB1,USB2 DBG1 BOOT1_VDD1,5V_E1,CAN_T1 BOOT0_VDD1,BOOT2_VDD1 3.3V/5.0V1 C9,C11,C12,C13,C41 R40,R62,R81,R90,R120,R123 C66,C67 C68
1 4 1 1 1 2 1 3 2 1 5 6 2 1 1 6	PWRJ-2mm(YDJ-1134) MALE-PAV16X-2x10-HIGH MALE-PAV16X-2x20-HIGH HDMI-SWM-19 TB3-3.5mm DW02R MICRO_SD(TFC-WPAPR-08) USB_A_VERTICAL HN1x3 Opened Soldered Opened(2-3)/Closed(1-2) NA(100nF/10V/10%) NA NA(24pF) NA(24pF/50V/5%/COG) NA	PWRJ-2mm(YDJ-1134) GPH127SMT-02X10(PA-V16X-2X10-LF) GPH127SMT-02X20(PA-V16X-2X20-LF) HDMI-SWM-19 TB3-3.5mm LIPO_BAT-CON2DW02R TFC-WPAPR-08 USB_A_VERTICAL_PTH HN1x3 SJ_1_SMALLER SJ_1_SMALLER SJ_2_SMALL_12_TIED C_0402_5MIL_DWS C_0402_5MIL_DWS C_0402_5MIL_DWS C_0402_5MIL_DWS C_0603_5MIL_DWS	PWR1 GPIO4 GPIO-1,GPIO-2,GPIO-3,LCD_CON1 HDMI1 CAN1 LIPO_BAT1 MICRO_SD1 USB1,USB2 DBG1 BOOT1_VDD1,5V_E1,CAN_T1 BOOT0_VDD1,BOOT2_VDD1 3.3V/5.0V1 C9,C11,C12,C13,C41 R40,R62,R81,R90,R120,R123 C66,C67 C68 C94
1 4 1 1 1 2 1 3 2 1 5 6 2 1 1 6	PWRJ-2mm(YDJ-1134) MALE-PAV16X-2x10-HIGH MALE-PAV16X-2x20-HIGH HDMI-SWM-19 TB3-3.5mm DW02R MICRO_SD(TFC-WPAPR-08) USB_A_VERTICAL HN1x3 Opened Soldered Opened(2-3)/Closed(1-2) NA(100nF/10V/10%) NA NA(24pF) NA(24pF/50V/5%/COG) NA NA(47uF/6.3V/20%) NA(5025)	PWRJ-2mm(YDJ-1134) GPH127SMT-02X10(PA-V16X-2X10-LF) GPH127SMT-02X20(PA-V16X-2X20-LF) HDMI-SWM-19 TB3-3.5mm LIPO_BAT-CON2DW02R TFC-WPAPR-08 USB_A_VERTICAL_PTH HN1x3 SJ_1_SMALLER SJ_1_SMALLER SJ_2_SMALL_12_TIED C_0402_5MIL_DWS R_0402_5MIL_DWS C_0402_5MIL_DWS C_0402_5MIL_DWS C_0603_5MIL_DWS C_0805_5MIL_DWS FUSE-5025	PWR1 GPIO4 GPIO-1,GPIO-2,GPIO-3,LCD_CON1 HDMI1 CAN1 LIPO_BAT1 MICRO_SD1 USB1,USB2 DBG1 BOOT1_VDD1,5V_E1,CAN_T1 BOOT0_VDD1,BOOT2_VDD1 3.3V/5.0V1 C9,C11,C12,C13,C41 R40,R62,R81,R90,R120,R123 C66,C67 C68 C94 C174,C178,C179,C180,C182,C183 FUSE2
1 4 1 1 1 2 1 3 2 1 5 6 2 1 1 6 1 2	PWRJ-2mm(YDJ-1134) MALE-PAV16X-2x10-HIGH MALE-PAV16X-2x20-HIGH HDMI-SWM-19 TB3-3.5mm DW02R MICRO_SD(TFC-WPAPR-08) USB_A_VERTICAL HN1x3 Opened Soldered Opened(2-3)/Closed(1-2) NA(100nF/10V/10%) NA NA(24pF) NA(24pF) NA(24pF/50V/5%/COG) NA NA(47uF/6.3V/20%) NA(5025) NA(2.7nH/L0402)	PWRJ-2mm(YDJ-1134) GPH127SMT-02X10(PA-V16X-2X10-LF) GPH127SMT-02X20(PA-V16X-2X20-LF) HDMI-SWM-19 TB3-3.5mm LIPO_BAT-CON2DW02R TFC-WPAPR-08 USB_A_VERTICAL_PTH HN1x3 SJ_1_SMALLER SJ_1_SMALLER SJ_2_SMALL_12_TIED C_0402_5MIL_DWS R_0402_5MIL_DWS C_0402_5MIL_DWS C_0402_5MIL_DWS C_0402_5MIL_DWS C_0402_5MIL_DWS C_0805_5MIL_DWS FUSE-5025 L_0402_5MIL_DWS	PWR1 GPIO4 GPIO-1,GPIO-2,GPIO-3,LCD_CON1 HDMI1 CAN1 LIPO_BAT1 MICRO_SD1 USB1,USB2 DBG1 BOOT1_VDD1,5V_E1,CAN_T1 BOOT0_VDD1,BOOT2_VDD1 3.3V/5.0V1 C9,C11,C12,C13,C41 R40,R62,R81,R90,R120,R123 C66,C67 C68 C94 C174,C178,C179,C180,C182,C183 FUSE2 L5,L6
1 4 1 1 1 2 1 3 2 1 5 6 6 1 1 2 4	PWRJ-2mm(YDJ-1134) MALE-PAV16X-2x10-HIGH MALE-PAV16X-2x20-HIGH HDMI-SWM-19 TB3-3.5mm DW02R MICRO_SD(TFC-WPAPR-08) USB_A_VERTICAL HN1x3 Opened Soldered Opened(2-3)/Closed(1-2) NA(100nF/10V/10%) NA NA(24pF) NA(24pF) NA(24pF/50V/5%/COG) NA NA(47uF/6.3V/20%) NA(5025) NA(2K/1%)	PWRJ-2mm(YDJ-1134) GPH127SMT-02X10(PA-V16X-2X10-LF) GPH127SMT-02X20(PA-V16X-2X20-LF) HDMI-SWM-19 TB3-3.5mm LIPO_BAT-CON2DW02R TFC-WPAPR-08 USB_A_VERTICAL_PTH HN1x3 SJ_1_SMALLER SJ_1_SMALLER SJ_2_SMALL_12_TIED C_0402_5MIL_DWS R_0402_5MIL_DWS C_0402_5MIL_DWS C_0402_5MIL_DWS C_0603_5MIL_DWS C_0805_5MIL_DWS FUSE-5025 L_0402_5MIL_DWS R_0402_5MIL_DWS R_0402_5MIL_DWS C_0402_5MIL_DWS	PWR1 GPIO4 GPIO-1,GPIO-2,GPIO-3,LCD_CON1 HDMI1 CAN1 LIPO_BAT1 MICRO_SD1 USB1,USB2 DBG1 BOOT1_VDD1,5V_E1,CAN_T1 BOOT0_VDD1,BOOT2_VDD1 3.3V/5.0V1 C9,C11,C12,C13,C41 R40,R62,R81,R90,R120,R123 C66,C67 C68 C94 C174,C178,C179,C180,C182,C183 FUSE2 L5,L6 R1,R5,R6,R7
1 4 1 1 1 2 1 3 2 1 5 6 2 1 1 6 1 2 4 2	PWRJ-2mm(YDJ-1134) MALE-PAV16X-2x10-HIGH MALE-PAV16X-2x20-HIGH HDMI-SWM-19 TB3-3.5mm DW02R MICRO_SD(TFC-WPAPR-08) USB_A_VERTICAL HN1x3 Opened Soldered Opened(2-3)/Closed(1-2) NA(100nF/10V/10%) NA NA(24pF) NA(24pF) NA(24pF/50V/5%/COG) NA NA(47uF/6.3V/20%) NA(5025) NA(2.7nH/L0402) NA(243R/1%)	PWRJ-2mm(YDJ-1134) GPH127SMT-02X10(PA-V16X-2X10-LF) GPH127SMT-02X20(PA-V16X-2X20-LF) HDMI-SWM-19 TB3-3.5mm LIPO_BAT-CON2DW02R TFC-WPAPR-08 USB_A_VERTICAL_PTH HN1x3 SJ_1_SMALLER SJ_1_SMALLER SJ_2_SMALL_12_TIED C_0402_5MIL_DWS R_0402_5MIL_DWS C_0402_5MIL_DWS C_0402_5MIL_DWS C_0603_5MIL_DWS C_0805_5MIL_DWS FUSE-5025 L_0402_5MIL_DWS R_0402_5MIL_DWS R_0402_5MIL_DWS SUBSTRANCE OF THE OF TH	PWR1 GPIO4 GPIO-1,GPIO-2,GPIO-3,LCD_CON1 HDMI1 CAN1 LIPO_BAT1 MICRO_SD1 USB1,USB2 DBG1 BOOT1_VDD1,5V_E1,CAN_T1 BOOT0_VDD1,BOOT2_VDD1 3.3V/5.0V1 C9,C11,C12,C13,C41 R40,R62,R81,R90,R120,R123 C66,C67 C68 C94 C174,C178,C179,C180,C182,C183 FUSE2 L5,L6 R1,R5,R6,R7 R9,R14
1 4 1 1 1 2 1 3 2 1 5 6 6 2 1 1 6 1 2 4 4 2	PWRJ-2mm(YDJ-1134) MALE-PAV16X-2x10-HIGH MALE-PAV16X-2x20-HIGH HDMI-SWM-19 TB3-3.5mm DW02R MICRO_SD(TFC-WPAPR-08) USB_A_VERTICAL HN1x3 Opened Soldered Opened(2-3)/Closed(1-2) NA(100nF/10V/10%) NA NA(24pF) NA(24pF) NA(24pF/50V/5%/COG) NA NA(47uF/6.3V/20%) NA(5025) NA(2.7nH/L0402) NA(243R/1%) NA(243R/1%) NA/R0402	PWRJ-2mm(YDJ-1134) GPH127SMT-02X10(PA-V16X-2X10-LF) GPH127SMT-02X20(PA-V16X-2X20-LF) HDMI-SWM-19 TB3-3.5mm LIPO_BAT-CON2DW02R TFC-WPAPR-08 USB_A_VERTICAL_PTH HN1x3 SJ_1_SMALLER SJ_1_SMALLER SJ_2_SMALL_12_TIED C_0402_5MIL_DWS R_0402_5MIL_DWS C_0402_5MIL_DWS C_0402_5MIL_DWS C_0603_5MIL_DWS C_0805_5MIL_DWS FUSE-5025 L_0402_5MIL_DWS R_0402_5MIL_DWS R_0402_5MIL_DWS FUSE-5025 L_0402_5MIL_DWS R_0402_5MIL_DWS R_0402_5MIL_DWS R_0402_5MIL_DWS R_0402_5MIL_DWS R_0402_5MIL_DWS R_0402_5MIL_DWS R_0402_5MIL_DWS R_0402_5MIL_DWS	PWR1 GPIO4 GPIO-1,GPIO-2,GPIO-3,LCD_CON1 HDMI1 CAN1 LIPO_BAT1 MICRO_SD1 USB1,USB2 DBG1 BOOT1_VDD1,5V_E1,CAN_T1 BOOT0_VDD1,BOOT2_VDD1 3.3V/5.0V1 C9,C11,C12,C13,C41 R40,R62,R81,R90,R120,R123 C66,C67 C68 C94 C174,C178,C179,C180,C182,C183 FUSE2 L5,L6 R1,R5,R6,R7 R9,R14 R45,R107,R133,R79
1 4 1 1 1 2 1 3 2 1 5 6 2 1 1 6 1 2 4 2 4 1	PWRJ-2mm(YDJ-1134) MALE-PAV16X-2x10-HIGH MALE-PAV16X-2x20-HIGH HDMI-SWM-19 TB3-3.5mm DW02R MICRO_SD(TFC-WPAPR-08) USB_A_VERTICAL HN1x3 Opened Soldered Opened(2-3)/Closed(1-2) NA(100nF/10V/10%) NA NA(24pF) NA(24pF/50V/5%/COG) NA NA(47uF/6.3V/20%) NA(5025) NA(243R/1%) NA(243R/1%) NA(10k)	PWRJ-2mm(YDJ-1134) GPH127SMT-02X10(PA-V16X-2X10-LF) GPH127SMT-02X20(PA-V16X-2X20-LF) HDMI-SWM-19 TB3-3.5mm LIPO_BAT-CON2DW02R TFC-WPAPR-08 USB_A_VERTICAL_PTH HN1x3 SJ_1_SMALLER SJ_1_SMALLER SJ_2_SMALL_12_TIED C_0402_5MIL_DWS R_0402_5MIL_DWS C_0402_5MIL_DWS C_0603_5MIL_DWS C_0805_5MIL_DWS FUSE-5025 L_0402_5MIL_DWS R_0402_5MIL_DWS	PWR1 GPIO4 GPIO-1,GPIO-2,GPIO-3,LCD_CON1 HDMI1 CAN1 LIPO_BAT1 MICRO_SD1 USB1,USB2 DBG1 BOOT1_VDD1,5V_E1,CAN_T1 BOOT0_VDD1,BOOT2_VDD1 3.3V/5.0V1 C9,C11,C12,C13,C41 R40,R62,R81,R90,R120,R123 C66,C67 C68 C94 C174,C178,C179,C180,C182,C183 FUSE2 L5,L6 R1,R5,R6,R7 R9,R14 R45,R107,R133,R79 R100
1 4 1 1 1 2 1 3 2 1 5 6 2 1 1 6 1 2 4 2 4 1	PWRJ-2mm(YDJ-1134) MALE-PAV16X-2x10-HIGH MALE-PAV16X-2x20-HIGH HDMI-SWM-19 TB3-3.5mm DW02R MICRO_SD(TFC-WPAPR-08) USB_A_VERTICAL HN1x3 Opened Soldered Opened(2-3)/Closed(1-2) NA(100nF/10V/10%) NA NA(24pF) NA(24pF) NA(24pF/50V/5%/COG) NA NA(47uF/6.3V/20%) NA(5025) NA(2.7nH/L0402) NA(243R/1%) NA(243R/1%) NA/R0402	PWRJ-2mm(YDJ-1134) GPH127SMT-02X10(PA-V16X-2X10-LF) GPH127SMT-02X20(PA-V16X-2X20-LF) HDMI-SWM-19 TB3-3.5mm LIPO_BAT-CON2DW02R TFC-WPAPR-08 USB_A_VERTICAL_PTH HN1x3 SJ_1_SMALLER SJ_1_SMALLER SJ_2_SMALL_12_TIED C_0402_5MIL_DWS R_0402_5MIL_DWS C_0402_5MIL_DWS C_0402_5MIL_DWS C_0603_5MIL_DWS C_0805_5MIL_DWS FUSE-5025 L_0402_5MIL_DWS R_0402_5MIL_DWS	PWR1 GPIO4 GPIO-1,GPIO-2,GPIO-3,LCD_CON1 HDMI1 CAN1 LIPO_BAT1 MICRO_SD1 USB1,USB2 DBG1 BOOT1_VDD1,5V_E1,CAN_T1 BOOT0_VDD1,BOOT2_VDD1 3.3V/5.0V1 C9,C11,C12,C13,C41 R40,R62,R81,R90,R120,R123 C66,C67 C68 C94 C174,C178,C179,C180,C182,C183 FUSE2 L5,L6 R1,R5,R6,R7 R9,R14 R45,R107,R133,R79
1 4 1 1 1 2 1 3 2 1 5 6 2 1 1 6 1 2 4 2 4 1 3	PWRJ-2mm(YDJ-1134) MALE-PAV16X-2x10-HIGH MALE-PAV16X-2x20-HIGH HDMI-SWM-19 TB3-3.5mm DW02R MICRO_SD(TFC-WPAPR-08) USB_A_VERTICAL HN1x3 Opened Soldered Opened(2-3)/Closed(1-2) NA(100nF/10V/10%) NA NA(24pF) NA(24pF/50V/5%/COG) NA NA(47uF/6.3V/20%) NA(5025) NA(243R/1%) NA(243R/1%) NA(10k)	PWRJ-2mm(YDJ-1134) GPH127SMT-02X10(PA-V16X-2X10-LF) GPH127SMT-02X20(PA-V16X-2X20-LF) HDMI-SWM-19 TB3-3.5mm LIPO_BAT-CON2DW02R TFC-WPAPR-08 USB_A_VERTICAL_PTH HN1x3 SJ_1_SMALLER SJ_1_SMALLER SJ_2_SMALL_12_TIED C_0402_5MIL_DWS R_0402_5MIL_DWS C_0402_5MIL_DWS C_0603_5MIL_DWS C_0805_5MIL_DWS FUSE-5025 L_0402_5MIL_DWS R_0402_5MIL_DWS	PWR1 GPIO4 GPIO-1,GPIO-2,GPIO-3,LCD_CON1 HDMI1 CAN1 LIPO_BAT1 MICRO_SD1 USB1,USB2 DBG1 BOOT1_VDD1,5V_E1,CAN_T1 BOOT0_VDD1,BOOT2_VDD1 3.3V/5.0V1 C9,C11,C12,C13,C41 R40,R62,R81,R90,R120,R123 C66,C67 C68 C94 C174,C178,C179,C180,C182,C183 FUSE2 L5,L6 R1,R5,R6,R7 R9,R14 R45,R107,R133,R79 R100