A20-OLINUXINO-MICRO_Rev_L.sch at 27.02.2018 16:31:51

Oty Value		
Qty Value	Device	Parts
1 0.03R/1%	R-EU_R1206_5MIL_WS	R59
4 OR(Board_Mounted)	R_OROR(NA)	R24, R34, R69,
R87		
2 1.1k/1%	R-EU_R0603_5MIL_DWS	R90, R92
2 1N5819(S4SOD-123)	SCHOTKKY7.62SS-1N5819(S4SOD-123)	D1, D3
3 1N5822/SS34/SMA	SCHOTKKY7.62SS2	D2, D4, D6
12 1R	R-EU_R0603_5MIL_DWS	R3, R31, R51,
R53, R60, R62, R63, R66, R68, R71, R72, R74		
8 1nF	C-EUC0603_DWS	C127, C129,
C131, C132, C160, C165, C182, C218		
1 1nF/2kV/X7R/1206	C-EUC1206 5MILS WS ISO	C95
7 1uF/6.3V	C-EUC0603_DWS	C73, C91, C110,
C146, C150, C167, C174		, ,,
21 2.2k/1%	R-EU_R0603_5MIL_DWS	R1, R2, R4, R6,
R8, R32, R37, R39, R57, R65, R70, R73, R75, R76, R81,		,,,
6 2.2uF/50V	C-EUC0805_5MIL_DWS	C202, C203,
C241, C242, C243, C244	0-2000003_5M22_5M3	0202, 0200,
6 2.2uH/1.5A/DCR<0.1R/CD32	L-CD32	L12, L13, L14,
L18, L20, L21	L-0D32	L12, L13, L14,
1 3.3nF	C FUCOCO3 DWC	C163
2 3.9k/1%	C-EUC0603_DWS R-EU R0603 5MIL DWS	
		R48, R55
4 4.99k/1%	R-EU_R0603_5MIL_DWS	R42, R61, R89,
R138	D FIL DOGGS EMTL DUG	DOG
1 6.81k/1%	R-EU_R0603_5MIL_DWS	R96
2 8.25k/1%	R-EU_R0603_5MIL_DWS	R88, R97
1 10M	R-EU_R0402_TI	R139
14 10k	R-EU_R0603_5MIL_DWS	R10, R20, R30,
R33, R38, R44, R46, R47, R54, R98, R105, R136, R137,		
4 10nF	C-EUC0402_TI	C140, C141,
C142, C143		
22 10uF/6.3V	C-EUC0603_DWS	C112, C113,
C121, C128, C136, C147, C148, C149, C151, C152, C156,	C158, C159, C162, C164, C166, C172, C177, C	178, C179, C180,
C187		
1 11k/1%	R-EU_R0603_5MIL_DWS	R99
1 12.1k/1%	R-EU_R0603_5MIL_DWS	R140
4 13k/1%	R-EU_R0603_5MIL_DWS	R45, R78, R80,
R100		
1 15uH/YS75	LLQH88PN100M38	L19
2 16.2k/1%	R-EU_R0603_5MIL_DWS	R77, R101
1 22.1k/1%	R-EU_R0603_5MIL_DWS	R102
5 22R	R-EU_R0402_TI	R118, R119,
R133, R134, R135		
2 22pF/50V/5%/C0G/C0603	C-EUC0603_DWS	C97, C98
32 22uF/6.3V	C-EUC0603 DWS	C13, C56, C65,
		, , ,
C66, C101, C103, C104, C105, C109, C115, C133, C138,		.90, 0199, 0204,
C205, C206, C207, C209, C210, C211, C212, C216, C219,	C220	
C205, C206, C207, C209, C210, C211, C212, C216, C219, 1 27k	C220 R-EU_R0603_5MIL_DWS	R110
C205, C206, C207, C209, C210, C211, C212, C216, C219, 1 27k 6 33pF	C220	
C205, C206, C207, C209, C210, C211, C212, C216, C219, 1 27k 6 33pF C100, C195, C208	C220 R-EU_R0603_5MIL_DWS C-EUC0603_DWS	R110 C75, C76, C99,
C205, C206, C207, C209, C210, C211, C212, C216, C219, 1 27k 6 33pF C100, C195, C208 6 47k	C220 R-EU_R0603_5MIL_DWS	R110
C205, C206, C207, C209, C210, C211, C212, C216, C219, 1 27k 6 33pF C100, C195, C208 6 47k R84, R95, R111	C220 R-EU_R0603_5MIL_DWS C-EUC0603_DWS R-EU_R0603_5MIL_DWS	R110 C75, C76, C99, R27, R28, R52,
C205, C206, C207, C209, C210, C211, C212, C216, C219, 1 27k 6 33pF C100, C195, C208 6 47k R84, R95, R111 13 47uF/6.3V	C220 R-EU_R0603_5MIL_DWS C-EUC0603_DWS R-EU_R0603_5MIL_DWS C-EUC0805_5MIL_DWS	R110 C75, C76, C99,
C205, C206, C207, C209, C210, C211, C212, C216, C219, 1 27k 6 33pF C100, C195, C208 6 47k R84, R95, R111 13 47uF/6.3V C135, C145, C217, C222, C223, C240, C245, C246, C247,	C220 R-EU_R0603_5MIL_DWS C-EUC0603_DWS R-EU_R0603_5MIL_DWS C-EUC0805_5MIL_DWS C248, C249	R110 C75, C76, C99, R27, R28, R52, C123, C126,
C205, C206, C207, C209, C210, C211, C212, C216, C219, 1 27k 6 33pF C100, C195, C208 6 47k R84, R95, R111 13 47uF/6.3V C135, C145, C217, C222, C223, C240, C245, C246, C247, 8 49.9R/1%	C220 R-EU_R0603_5MIL_DWS C-EUC0603_DWS R-EU_R0603_5MIL_DWS C-EUC0805_5MIL_DWS	R110 C75, C76, C99, R27, R28, R52,
C205, C206, C207, C209, C210, C211, C212, C216, C219, 1 27k 6 33pF C100, C195, C208 6 47k R84, R95, R111 13 47uF/6.3V C135, C145, C217, C222, C223, C240, C245, C246, C247, 8 49.9R/1% R103, R141, R142, R143, R149	C220 R-EU_R0603_5MIL_DWS C-EUC0603_DWS R-EU_R0603_5MIL_DWS C-EUC0805_5MIL_DWS C248, C249 R-EU_R0603_5MIL_DWS	R110 C75, C76, C99, R27, R28, R52, C123, C126, R25, R43, R58,
C205, C206, C207, C209, C210, C211, C212, C216, C219, 1 27k 6 33pF C100, C195, C208 6 47k R84, R95, R111 13 47uF/6.3V C135, C145, C217, C222, C223, C240, C245, C246, C247, 8 49.9R/1% R103, R141, R142, R143, R149 7 100k/1%	C220 R-EU_R0603_5MIL_DWS C-EUC0603_DWS R-EU_R0603_5MIL_DWS C-EUC0805_5MIL_DWS C248, C249	R110 C75, C76, C99, R27, R28, R52, C123, C126,
C205, C206, C207, C209, C210, C211, C212, C216, C219, 1 27k 6 33pF C100, C195, C208 6 47k R84, R95, R111 13 47uF/6.3V C135, C145, C217, C222, C223, C240, C245, C246, C247, 8 49.9R/1% R103, R141, R142, R143, R149 7 100k/1% R40, R85, R91, R108	C220 R-EU_R0603_5MIL_DWS C-EUC0603_DWS R-EU_R0603_5MIL_DWS C-EUC0805_5MIL_DWS C248, C249 R-EU_R0603_5MIL_DWS R-EU_R0603_5MIL_DWS	R110 C75, C76, C99, R27, R28, R52, C123, C126, R25, R43, R58, R11, R17, R29,
C205, C206, C207, C209, C210, C211, C212, C216, C219, 1 27k 6 33pF C100, C195, C208 6 47k R84, R95, R111 13 47uF/6.3V C135, C145, C217, C222, C223, C240, C245, C246, C247, 8 49.9R/1% R103, R141, R142, R143, R149 7 100k/1% R40, R85, R91, R108 15 100nF	C220 R-EU_R0603_5MIL_DWS C-EUC0603_DWS R-EU_R0603_5MIL_DWS C-EUC0805_5MIL_DWS C248, C249 R-EU_R0603_5MIL_DWS R-EU_R0603_5MIL_DWS C-EUC0603_DWS	R110 C75, C76, C99, R27, R28, R52, C123, C126, R25, R43, R58,
C205, C206, C207, C209, C210, C211, C212, C216, C219, 1 27k 6 33pF C100, C195, C208 6 47k R84, R95, R111 13 47uF/6.3V C135, C145, C217, C222, C223, C240, C245, C246, C247, 8 49.9R/1% R103, R141, R142, R143, R149 7 100k/1% R40, R85, R91, R108 15 100nF C74, C92, C94, C122, C124, C125, C161, C170, C171, C1	C220 R-EU_R0603_5MIL_DWS C-EUC0603_DWS R-EU_R0603_5MIL_DWS C-EUC0805_5MIL_DWS C248, C249 R-EU_R0603_5MIL_DWS R-EU_R0603_5MIL_DWS C-EUC0603_DWS C76, C200, C221	R110 C75, C76, C99, R27, R28, R52, C123, C126, R25, R43, R58, R11, R17, R29, C64, C67, C72,
C205, C206, C207, C209, C210, C211, C212, C216, C219, 1 27k 6 33pF C100, C195, C208 6 47k R84, R95, R111 13 47uF/6.3V C135, C145, C217, C222, C223, C240, C245, C246, C247, 8 49.9R/1% R103, R141, R142, R143, R149 7 100k/1% R40, R85, R91, R108 15 100nF C74, C92, C94, C122, C124, C125, C161, C170, C171, C11 150pF	C220 R-EU_R0603_5MIL_DWS C-EUC0603_DWS R-EU_R0603_5MIL_DWS C-EUC0805_5MIL_DWS C248, C249 R-EU_R0603_5MIL_DWS R-EU_R0603_5MIL_DWS C-EUC0603_DWS C-EUC0603_DWS C-EUC0603_DWS	R110 C75, C76, C99, R27, R28, R52, C123, C126, R25, R43, R58, R11, R17, R29, C64, C67, C72,
C205, C206, C207, C209, C210, C211, C212, C216, C219, 1 27k 6 33pF C100, C195, C208 6 47k R84, R95, R111 13 47uF/6.3V C135, C145, C217, C222, C223, C240, C245, C246, C247, 8 49.9R/1% R103, R141, R142, R143, R149 7 100k/1% R40, R85, R91, R108 15 100nF C74, C92, C94, C122, C124, C125, C161, C170, C171, C1 1 150pF 1 191R/1%	C220 R-EU_R0603_5MIL_DWS C-EUC0603_DWS R-EU_R0603_5MIL_DWS C-EUC0805_5MIL_DWS C248, C249 R-EU_R0603_5MIL_DWS R-EU_R0603_5MIL_DWS C-EUC0603_DWS C-EUC0603_DWS R-EU_R0603_DWS R-EU_R0603_DWS R-EU_R0603_DWS R-EU_R0603_DWS	R110 C75, C76, C99, R27, R28, R52, C123, C126, R25, R43, R58, R11, R17, R29, C64, C67, C72, C201 R64
C205, C206, C207, C209, C210, C211, C212, C216, C219, 1 27k 6 33pF C100, C195, C208 6 47k R84, R95, R111 13 47uF/6.3V C135, C145, C217, C222, C223, C240, C245, C246, C247, 8 49.9R/1% R103, R141, R142, R143, R149 7 100k/1% R40, R85, R91, R108 15 100nF C74, C92, C94, C122, C124, C125, C161, C170, C171, C1 1 150pF 1 191R/1% 3 200k/1%	C220 R-EU_R0603_5MIL_DWS C-EUC0603_DWS R-EU_R0603_5MIL_DWS C-EUC0805_5MIL_DWS C248, C249 R-EU_R0603_5MIL_DWS R-EU_R0603_5MIL_DWS C-EUC0603_DWS C-EUC0603_DWS R-EU_R0603_5MIL_DWS R-EU_R0603_5MIL_DWS R-EU_R0603_DWS R-EU_R0603_5MIL_DWS R-EU_R0603_5MIL_DWS R-EU_R0603_5MIL_DWS	R110 C75, C76, C99, R27, R28, R52, C123, C126, R25, R43, R58, R11, R17, R29, C64, C67, C72, C201 R64 R36, R56, R67
C205, C206, C207, C209, C210, C211, C212, C216, C219, 1 27k 6 33pF C100, C195, C208 6 47k R84, R95, R111 13 47uF/6.3V C135, C145, C217, C222, C223, C240, C245, C246, C247, 8 49.9R/1% R103, R141, R142, R143, R149 7 100k/1% R40, R85, R91, R108 15 100nF C74, C92, C94, C122, C124, C125, C161, C170, C171, C1 1 150pF 1 191R/1% 3 200k/1% 45 220nF	C220 R-EU_R0603_5MIL_DWS C-EUC0603_DWS R-EU_R0603_5MIL_DWS C-EUC0805_5MIL_DWS C248, C249 R-EU_R0603_5MIL_DWS R-EU_R0603_5MIL_DWS C-EUC0603_DWS C-EUC0603_DWS R-EU_R0603_5MIL_DWS R-EU_R0603_5MIL_DWS C-EUC0603_DWS R-EU_R0603_5MIL_DWS C-EUC0603_DWS R-EU_R0603_5MIL_DWS C-EUC0402_TI	R110 C75, C76, C99, R27, R28, R52, C123, C126, R25, R43, R58, R11, R17, R29, C64, C67, C72, C201 R64 R36, R56, R67 C2, C3, C5, C7,
C205, C206, C207, C209, C210, C211, C212, C216, C219, 1 27k 6 33pF C100, C195, C208 6 47k R84, R95, R111 13 47uF/6.3V C135, C145, C217, C222, C223, C240, C245, C246, C247, 8 49.9R/1% R103, R141, R142, R143, R149 7 100k/1% R40, R85, R91, R108 15 100nF C74, C92, C94, C122, C124, C125, C161, C170, C171, C1 1 150pF 1 191R/1% 3 200k/1% 45 220nF C10, C11, C14, C15, C18, C19, C21, C22, C23, C24, C25	C220 R-EU_R0603_5MIL_DWS C-EUC0603_DWS R-EU_R0603_5MIL_DWS C-EUC0805_5MIL_DWS C248, C249 R-EU_R0603_5MIL_DWS R-EU_R0603_5MIL_DWS C-EUC0603_DWS C-EUC0603_DWS R-EU_R0603_5MIL_DWS R-EU_R0603_5MIL_DWS C-EUC0603_DWS C-EUC0603_DWS C-EUC0603_DWS C-EUC0603_DWS C-EUC0603_5MIL_DWS C-EUC0603_5MIL_DWS C-EUC0402_TI G, C26, C27, C57, C59, C60, C61, C62, C68, C6	R110 C75, C76, C99, R27, R28, R52, C123, C126, R25, R43, R58, R11, R17, R29, C64, C67, C72, C201 R64 R36, R56, R67 C2, C3, C5, C7, P9, C70, C77, C78,
C205, C206, C207, C209, C210, C211, C212, C216, C219, 1 27k 6 33pF C100, C195, C208 6 47k R84, R95, R111 13 47uF/6.3V C135, C145, C217, C222, C223, C240, C245, C246, C247, 8 49.9R/1% R103, R141, R142, R143, R149 7 100k/1% R40, R85, R91, R108 15 100nF C74, C92, C94, C122, C124, C125, C161, C170, C171, C1 1 150pF 1 191R/1% 3 200k/1% 45 220nF	C220 R-EU_R0603_5MIL_DWS C-EUC0603_DWS R-EU_R0603_5MIL_DWS C-EUC0805_5MIL_DWS C248, C249 R-EU_R0603_5MIL_DWS R-EU_R0603_5MIL_DWS C-EUC0603_DWS C-EUC0603_DWS R-EU_R0603_5MIL_DWS R-EU_R0603_5MIL_DWS C-EUC0603_DWS C-EUC0603_DWS C-EUC0603_DWS C-EUC0603_DWS C-EUC0603_5MIL_DWS C-EUC0603_5MIL_DWS C-EUC0402_TI G, C26, C27, C57, C59, C60, C61, C62, C68, C6	R110 C75, C76, C99, R27, R28, R52, C123, C126, R25, R43, R58, R11, R17, R29, C64, C67, C72, C201 R64 R36, R56, R67 C2, C3, C5, C7, P9, C70, C77, C78,
C205, C206, C207, C209, C210, C211, C212, C216, C219, 1 27k 6 33pF C100, C195, C208 6 47k R84, R95, R111 13 47uF/6.3V C135, C145, C217, C222, C223, C240, C245, C246, C247, 8 49.9R/1% R103, R141, R142, R143, R149 7 100k/1% R40, R85, R91, R108 15 100nF C74, C92, C94, C122, C124, C125, C161, C170, C171, C1 1 150pF 1 191R/1% 3 200k/1% 45 220nF C10, C11, C14, C15, C18, C19, C21, C22, C23, C24, C25, C79, C80, C82, C83, C84, C85, C86, C87, C102, C106, C54 220nF	C220 R-EU_R0603_5MIL_DWS C-EUC0603_DWS R-EU_R0603_5MIL_DWS C-EUC0805_5MIL_DWS C248, C249 R-EU_R0603_5MIL_DWS R-EU_R0603_5MIL_DWS C-EUC0603_DWS C-EUC0603_DWS R-EU_R0603_5MIL_DWS R-EU_R0603_5MIL_DWS R-EU_R0603_5MIL_DWS C-EUC0603_DWS R-EU_R0603_5MIL_DWS R-EU_R0603_5MIL_DWS C-EUC0402_TI G, C26, C27, C57, C59, C60, C61, C62, C68, C66 C134, C139, C155, C169, C175, C184, C189, C19 C-EUC0603_DWS	R110 C75, C76, C99, R27, R28, R52, C123, C126, R25, R43, R58, R11, R17, R29, C64, C67, C72, C201 R64 R36, R56, R67 C2, C3, C5, C7, 9, C70, C77, C78,
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C205, C206, C207, C209, C210, C211, C212, C216, C219, 1 27k 6 33pF C100, C195, C208 6 47k R84, R95, R111 13 47uF/6.3V C135, C145, C217, C222, C223, C240, C245, C246, C247, 8 49.9R/1% R103, R141, R142, R143, R149 7 100k/1% R40, R85, R91, R108 15 100nF C74, C92, C94, C122, C124, C125, C161, C170, C171, C1 1 150pF 1 191R/1% 3 200k/1% 45 220nF C10, C11, C14, C15, C18, C19, C21, C22, C23, C24, C25, C79, C80, C82, C83, C84, C85, C86, C87, C102, C106, C54, C20nF C9, C12, C16, C17, C20, C28, C29, C30, C31, C32, C33, C46, C47, C48, C49, C50, C51, C52, C53, C54, C55, C58, C227, C228, C229, C230, C231, C232 7 330R/1% R41, R104, R150, R151 2 470nF 1 A20(TFBGA441) 1 AP1231-2.5V(S0T23-5) 1 AT24C16BN-SH(SOIC-8) 1 AXP209(QFN48) 1 BC846B(SOT23-3) 3 BSS138(SOT23-3) 1 Closed 1 DW02R	C220 R-EU_R0603_5MIL_DWS C-EUC0603_DWS R-EU_R0603_5MIL_DWS C-EUC0805_5MIL_DWS C248, C249 R-EU_R0603_5MIL_DWS R-EU_R0603_5MIL_DWS C-EUC0603_DWS C-EUC0603_DWS R-EU_R0603_5MIL_DWS R-EU_R0603_5MIL_DWS R-EU_R0603_5MIL_DWS C-EUC0402_TI G, C26, C27, C57, C59, C60, C61, C62, C68, C66; C134, C139, C155, C169, C175, C184, C189, C19; C-EUC0603_DWS C34, C35, C36, C37, C38, C39, C40, C41, C42; C34, C35, C36, C37, C38, C39, C40, C41, C42; C34, C35, C36, C37, C38, C39, C40, C41, C42; C34, C35, C36, C37, C38, C39, C40, C41, C42; C36, C37, C38, C39, C40, C41, C42; C36, C37, C38, C39, C40, C41, C42; C36, C36, C37, C38, C39, C40, C41, C42; C36, C36, C37, C38, C39, C40, C41, C42; C36, C36, C37, C36, C37, C38, C39, C40, C41, C42, C36, C36, C37, C36, C37, C36, C37, C36, C37, C38, C39, C40, C41, C42, C36, C36, C37, C36, C37, C36, C37, C36, C37, C36, C36, C37, C36, C37, C36, C37, C36, C3	R110 C75, C76, C99, R27, R28, R52, C123, C126, R25, R43, R58, R11, R17, R29, C64, C67, C72, C201 R64 R36, R56, R67 C2, C3, C5, C7, 9, C70, C77, C78, 1 C1, C4, C6, C8, C43, C44, C45, C24, C225, C226, R7, R9, R16, C192, C196 U1 VR1 U6 U12 T1 FET2, FET3, FET5 NAND_E LIPO_BAT
C205, C206, C207, C209, C210, C211, C212, C216, C219, 1 27k 6 33pF C100, C195, C208 6 47k R84, R95, R111 13 47uF/6.3V C135, C145, C217, C222, C223, C240, C245, C246, C247, 8 49.9R/1% R103, R141, R142, R143, R149 7 100k/1% R40, R85, R91, R108 15 100nF C74, C92, C94, C122, C124, C125, C161, C170, C171, C1 1 150pF 1 191R/1% 3 200k/1% 45 220nF C10, C11, C14, C15, C18, C19, C21, C22, C23, C24, C25, C79, C80, C82, C83, C84, C85, C86, C87, C102, C106, C54 220nF C9, C12, C16, C17, C20, C28, C29, C30, C31, C32, C33, C46, C47, C48, C49, C50, C51, C52, C53, C54, C55, C58, C227, C228, C229, C230, C231, C232 7 330R/1% R41, R104, R150, R151 2 470nF 1 A20(TFBGA441) 1 AP1231-2.5V(S0T23-5) 1 AT24C16BN-SH(SOIC-8) 1 AXP209(QFN48) 1 BC846B(SOT23-3) 3 BSS138(SOT23-3) 1 Closed 1 DW02R	C220 R-EU_R0603_5MIL_DWS C-EUC0603_DWS R-EU_R0603_5MIL_DWS C-EUC0805_5MIL_DWS C248, C249 R-EU_R0603_5MIL_DWS R-EU_R0603_5MIL_DWS C-EUC0603_DWS C-EUC0603_DWS R-EU_R0603_5MIL_DWS R-EU_R0603_5MIL_DWS R-EU_R0603_5MIL_DWS R-EU_R0603_5MIL_DWS C-EUC0402_TI 5, C26, C27, C57, C59, C60, C61, C62, C68, C66; C134, C139, C155, C169, C175, C184, C189, C19 C-EUC0603_DWS C34, C35, C36, C37, C38, C39, C40, C41, C42, C31, C31, C111, C114, C117, C118, C119, C120, C31, C31, C31, C31, C31, C31, C31, C31	R110 C75, C76, C99, R27, R28, R52, C123, C126, R25, R43, R58, R11, R17, R29, C64, C67, C72, C201 R64 R36, R56, R67 C2, C3, C5, C7, 9, C70, C77, C78, 1 C1, C4, C6, C8, C43, C44, C45, C24, C225, C226, R7, R9, R16, C192, C196 U1 VR1 U6 U12 T1 FET2, FET3, FET5 NAND_E LIPO_BAT 5V_SATA_PWR
C205, C206, C207, C209, C210, C211, C212, C216, C219, 1 27k 6 33pF C100, C195, C208 6 47k R84, R95, R111 13 47uF/6.3V C135, C145, C217, C222, C223, C240, C245, C246, C247, 8 49.9R/1% R103, R141, R142, R143, R149 7 100k/1% R40, R85, R91, R108 15 100nF C74, C92, C94, C122, C124, C125, C161, C170, C171, C1 1 150pF 1 191R/1% 3 200k/1% 45 220nF C10, C11, C14, C15, C18, C19, C21, C22, C23, C24, C25, C79, C80, C82, C83, C84, C85, C86, C87, C102, C106, C54, C20nF C9, C12, C16, C17, C20, C28, C29, C30, C31, C32, C33, C46, C47, C48, C49, C50, C51, C52, C53, C54, C55, C58, C227, C228, C229, C230, C231, C232 7 330R/1% R41, R104, R150, R151 2 470nF 1 A20(TFBGA441) 1 AP1231-2.5V(S0T23-5) 1 AT24C16BN-SH(SOIC-8) 1 AXP209(QFN48) 1 BC846B(SOT23-3) 3 BSS138(SOT23-3) 1 Closed 1 DW02R	C220 R-EU_R0603_5MIL_DWS C-EUC0603_DWS R-EU_R0603_5MIL_DWS C-EUC0805_5MIL_DWS C248, C249 R-EU_R0603_5MIL_DWS R-EU_R0603_5MIL_DWS C-EUC0603_DWS C-EUC0603_DWS R-EU_R0603_5MIL_DWS R-EU_R0603_5MIL_DWS R-EU_R0603_5MIL_DWS C-EUC0402_TI G, C26, C27, C57, C59, C60, C61, C62, C68, C66; C134, C139, C155, C169, C175, C184, C189, C19; C-EUC0603_DWS C34, C35, C36, C37, C38, C39, C40, C41, C42; C34, C35, C36, C37, C38, C39, C40, C41, C42; C34, C35, C36, C37, C38, C39, C40, C41, C42; C34, C35, C36, C37, C38, C39, C40, C41, C42; C36, C37, C38, C39, C40, C41, C42; C36, C37, C38, C39, C40, C41, C42; C36, C36, C37, C38, C39, C40, C41, C42; C36, C36, C37, C38, C39, C40, C41, C42; C36, C36, C37, C36, C37, C38, C39, C40, C41, C42, C36, C36, C37, C36, C37, C36, C37, C36, C37, C38, C39, C40, C41, C42, C36, C36, C37, C36, C37, C36, C37, C36, C37, C36, C36, C37, C36, C37, C36, C37, C36, C3	R110 C75, C76, C99, R27, R28, R52, C123, C126, R25, R43, R58, R11, R17, R29, C64, C67, C72, C201 R64 R36, R56, R67 C2, C3, C5, C7, 9, C70, C77, C78, 1 C1, C4, C6, C8, C43, C44, C45, C24, C225, C226, R7, R9, R16, C192, C196 U1 VR1 U6 U12 T1 FET2, FET3, FET5 NAND_E LIPO_BAT

6 FIDUCIAL	FIDUCIAL	U4, U5, U18,
U19, U20, U21	12002/12	04, 00, 010,
1 FSMD035	FUSE	FUSE1
2 GBH-254-SMT-10	ML10-(GBH-254-SMT-10)_TEST	UEXT1, UEXT2
4 GBH-254-SMT-40	ML40-GBH-254-SMT-40_TEST	GPIO-1, GPIO-2,
GPIO-3, LCD_CON		, ,
1 HDMI-SWM-19	HDMI-MC34931HDMI-SWM-19_TEST	HDMI
1 HN1X4	CON4HN1X4	UARTO
2 IRLML6402(SOT23-3)	P-MOS+DIODIRLML6402	FET1, FET4
1 LAN8710A-EZC-TR(QFN-32)	LAN8710A-EZC	U7
1 LED/GREEN/0603	LEDLED-0603_TEST	LED1
1 LED/RED/0603	LEDLED-0603_TEST	PWR_LED
1 LED/YELLOW/0603	LEDLED-0603_TEST	CHGLED
1 MICRO_SD/TFC-WPAPR-08	MICRO_SD/MMC_CP_NEWTEST_CREAM	SD/MMC1
1 MP1584EN(SOIC8E)	MP1584EN(SOIC8E)	U14
2 MT41K256M16HA-125:E(DDR3L-1600_11-11-11)	H5TQ2G63BFR_MEM4G16D3EABG-125PHIS	U2, U3
1 MT3608(S0T23-6)	SY7208	U16
4 NA C152 C154	C-EUC0402_TI	C107, C108,
C153, C154 5 NA	C-EUC0603_DWS	C71, C181, C183,
C185, C188	C-E000003_D#3	071, 0101, 0103,
1 NA	C-EUC1206 5MILS WS ISO	C93
2 NA	R-EU_R0402_SMALL	R12, R15
6 NA	R-EU_R0603_5MIL_DWS	R5, R22, R23,
R49, R50, R153	00000_050	,,,
11 NA(OR)	R-EU_R0402_TI	R122, R123,
R124, R125, R126, R127, R128, R129, R130, R131, R132		. ,
1 NA(0R)	R-EU_R0603_5MIL_DWS	R35
2 NA(2.2k/1%)	R-EU_R0603_5MIL_DWS	R13, R14
2 NA(2.2uF)	C-EUC0603_DWS	C116, C144
6 NA(2.2uF/6.3V)	C-EUC0603_DWS	C234, C236,
C239, C251, C253, C255		
13 NA(10k)	R-EU_R0603_5MIL_DWS	R18, R19, R21,
R26, R112, R113, R115, R116, R117, R121, R144, R145,		000
1 NA(10uF/6.3V)	C-EUC0603_DWS	C63
4 NA(22R)	R-EU_R0402_TI	R114, R146,
R147, R148	C EUCAGA2 DWG	COE C107 C212
6 NA(22uF/6.3V)	C-EUC0603_DWS	C96, C197, C213,
C214, C215, C256 1 NA(47k)	R-EU_R0603_5MIL_DWS	R109
2 NA(47K) 2 NA(47UF/6.3V)	C-EUC0805_5MIL_DWS	C130, C137
1 NA(100k/1%)	R-EU_R0603_5MIL_DWS	R79
4 NA(100nF)	C-EUC0603 DWS	C88, C89, C90,
C233 `		
6 NA(220nF)	C-EUC0402_TI	C235, C237,
0 NA(22011)		
C238, C250, C252, C254		
·	R-EU_R0603_5MIL_DWS	R106, R107
C238, C250, C252, C254 2 NA(330R/1%) 1 NA(DW02S)	CON2DW02S	5V_PWR
C238, C250, C252, C254 2 NA(330R/1%) 1 NA(DW02S) 4 NA(FB0805/600R/2A)	CON2DW02S L-USL0805_5MIL_DWS	•
C238, C250, C252, C254 2 NA(330R/1%) 1 NA(DW02S) 4 NA(FB0805/600R/2A) 1 NA(H27UBG8T2BTR_or_MT29F64G08CBABAWP:BTR(8GB_NANI	CON2DW02S L-USL0805_5MIL_DWS D)) H27UBG8T2A	5V_PWR L1, L2, L8, L10 U8
C238, C250, C252, C254 2 NA(330R/1%) 1 NA(DW02S) 4 NA(FB0805/600R/2A) 1 NA(H27UBG8T2BTR_or_MT29F64G08CBABAWP:BTR(8GB_NAND 1 NA(HN1x2)	CON2DW02S L-USL0805_5MIL_DWS D)) H27UBG8T2A CON2HN1X2	5V_PWR L1, L2, L8, L10 U8 BKUP
C238, C250, C252, C254 2 NA(330R/1%) 1 NA(DW02S) 4 NA(FB0805/600R/2A) 1 NA(H27UBG8T2BTR_or_MT29F64G08CBABAWP:BTR(8GB_NANU 1 NA(HN1x2) 1 NA(HN1x2)	CON2DW02S L-USL0805_5MIL_DWS D)) H27UBG8T2A CON2HN1X2 JP1E	5V_PWR L1, L2, L8, L10 U8 BKUP MIC2
C238, C250, C252, C254 2 NA(330R/1%) 1 NA(DW02S) 4 NA(FB0805/600R/2A) 1 NA(H27UBG8T2BTR_or_MT29F64G08CBABAWP:BTR(8GB_NANII) 1 NA(HN1x2) 1 NA(HN1x2) 1 NA(KLMAG2GEND-B031(FBGA153))	CON2DW02S L-USL0805_5MIL_DWS D)) H27UBG8T2A CON2HN1X2 JP1E KLMAG2GEND-B031(FBGA153)	5V_PWR L1, L2, L8, L10 U8 BKUP MIC2 U26
C238, C250, C252, C254 2 NA(330R/1%) 1 NA(DW02S) 4 NA(FB0805/600R/2A) 1 NA(H27UBG8T2BTR_or_MT29F64G08CBABAWP:BTR(8GB_NANDING) 1 NA(HN1x2) 1 NA(HN1x2) 1 NA(KLMAG2GEND-B031(FBGA153)) 1 NA(MTFC4GACAANA-4M_IT(TBGA100))	CON2DW02S L-USL0805_5MIL_DWS D)) H27UBG8T2A CON2HN1X2 JP1E KLMAG2GEND-B031(FBGA153) MTFC4GACAANA-4MIT	5V_PWR L1, L2, L8, L10 U8 BKUP MIC2 U26 U24
C238, C250, C252, C254 2 NA(330R/1%) 1 NA(DW02S) 4 NA(FB0805/600R/2A) 1 NA(H27UBG8T2BTR_or_MT29F64G08CBABAWP:BTR(8GB_NANDING) 1 NA(HN1x2) 1 NA(HN1x2) 1 NA(KLMAG2GEND-B031(FBGA153)) 1 NA(MTFC4GACAANA-4M_IT(TBGA100)) 2 NA(RA0805_(4X0402)_22R)	CON2DW02S L-USL0805_5MIL_DWS))) H27UBG8T2A CON2HN1X2 JP1E KLMAG2GEND-B031(FBGA153) MTFC4GACAANA-4MIT R_MATRIX_4E_25X625	5V_PWR L1, L2, L8, L10 U8 BKUP MIC2 U26 U24 RM4, RM5
C238, C250, C252, C254 2 NA(330R/1%) 1 NA(DW02S) 4 NA(FB0805/600R/2A) 1 NA(H27UBG872BTR_or_MT29F64G08CBABAWP:BTR(8GB_NANII) 1 NA(HN1x2) 1 NA(HN1x2) 1 NA(KLMAG2GEND-B031(FBGA153)) 1 NA(MTFC4GACAANA-4M_IT(TBGA100)) 2 NA(RA0805_(4X0402)_22R) 1 NA(RA1206_(4X0603)_4B8_0R)	CON2DW02S L-USL0805_5MIL_DWS D)) H27UBG8T2A CON2HN1X2 JP1E KLMAG2GEND-B031(FBGA153) MTFC4GACAANA-4MIT R_MATRIX_4E_25X625 R_MATRIX_4E	5V_PWR L1, L2, L8, L10 U8 BKUP MIC2 U26 U24 RM4, RM5 RM2
C238, C250, C252, C254 2 NA(330R/1%) 1 NA(DW02S) 4 NA(FB0805/600R/2A) 1 NA(H27UBG872BTR_or_MT29F64G08CBABAWP:BTR(8GB_NANII) 1 NA(HN1x2) 1 NA(HN1x2) 1 NA(KLMAG2GEND-B031(FBGA153)) 1 NA(MTFC4GACAANA-4M_IT(TBGA100)) 2 NA(RA0805_(4X0402)_22R) 1 NA(RA1206_(4X0603)_4B8_0R) 2 NA(RA1206_(4X0603)_4B8_10k)	CON2DW02S L-USL0805_5MIL_DWS D)) H27UBG8T2A CON2HN1X2 JP1E KLMAG2GEND-B031(FBGA153) MTFC4GACAANA-4MIT R_MATRIX_4E_25X625 R_MATRIX_4E R_MATRIX_4E	5V_PWR L1, L2, L8, L10 U8 BKUP MIC2 U26 U24 RM4, RM5 RM2 RM3, RM6
C238, C250, C252, C254 2 NA(330R/1%) 1 NA(DW02S) 4 NA(FB0805/600R/2A) 1 NA(H27UBG8T2BTR_or_MT29F64G08CBABAWP:BTR(8GB_NANII) 1 NA(HN1x2) 1 NA(HN1x2) 1 NA(KLMAG2GEND-B031(FBGA153)) 1 NA(MTFC4GACAANA-4M_IT(TBGA100)) 2 NA(RA0805_(4X0402)_22R) 1 NA(RA1206_(4X0603)_4B8_0R) 2 NA(RA1206_(4X0603)_4B8_10k) 3 NA(RCLAMP0524P)	CON2DW02S L-USL0805_5MIL_DWS D)) H27UBG8T2A CON2HN1X2 JP1E KLMAG2GEND-B031(FBGA153) MTFC4GACAANA-4MIT R_MATRIX_4E_25X625 R_MATRIX_4E R_MATRIX_4E RCLAMP0524PTEST	5V_PWR L1, L2, L8, L10 U8 BKUP MIC2 U26 U24 RM4, RM5 RM2 RM3, RM6 U17, U22, U23
C238, C250, C252, C254 2 NA(330R/1%) 1 NA(DW02S) 4 NA(FB0805/600R/2A) 1 NA(H27UBG872BTR_or_MT29F64G08CBABAWP:BTR(8GB_NANII) 1 NA(HN1x2) 1 NA(HN1x2) 1 NA(KLMAG2GEND-B031(FBGA153)) 1 NA(MTFC4GACAANA-4M_IT(TBGA100)) 2 NA(RA0805_(4X0402)_22R) 1 NA(RA1206_(4X0603)_4B8_0R) 2 NA(RA1206_(4X0603)_4B8_10k)	CON2DW02S L-USL0805_5MIL_DWS D)) H27UBG8T2A CON2HN1X2 JP1E KLMAG2GEND-B031(FBGA153) MTFC4GACAANA-4MIT R_MATRIX_4E_25X625 R_MATRIX_4E R_MATRIX_4E	5V_PWR L1, L2, L8, L10 U8 BKUP MIC2 U26 U24 RM4, RM5 RM2 RM3, RM6
C238, C250, C252, C254 2 NA(330R/1%) 1 NA(DW02S) 4 NA(FB0805/600R/2A) 1 NA(H27UBG8T2BTR_or_MT29F64G08CBABAWP:BTR(8GB_NANI) 1 NA(HN1x2) 1 NA(HN1x2) 1 NA(KLMAG2GEND-B031(FBGA153)) 1 NA(MTFC4GACAANA-4M_IT(TBGA100)) 2 NA(RA0805_(4X0402)_22R) 1 NA(RA1206_(4X0603)_4B8_0R) 2 NA(RA1206_(4X0603)_4B8_10k) 3 NA(RCLAMP0524P) 1 NA(W25Q128FVSIG(SOIC-8_Wide)/(EN25Q64-104HIP))	CON2DW02S L-USL0805_5MIL_DWS D)) H27UBG8T2A CON2HN1X2 JP1E KLMAG2GEND-B031(FBGA153) MTFC4GACAANA-4MIT R_MATRIX_4E_25X625 R_MATRIX_4E R_MATRIX_4E RCLAMP0524PTEST W25Q16BVSSIG(S0-8)	5V_PWR L1, L2, L8, L10 U8 BKUP MIC2 U26 U24 RM4, RM5 RM2 RM3, RM6 U17, U22, U23 U25
C238, C250, C252, C254 NA(330R/1%) NA(DW02S) NA(FB0805/600R/2A) NA(H27UBG8T2BTR_or_MT29F64G08CBABAWP:BTR(8GB_NAND NA(HN1x2) NA(HN1x2) NA(KLMAG2GEND-B031(FBGA153)) NA(MTFC4GACAANA-4M_IT(TBGA100)) NA(RA0805_(4X0402)_22R) NA(RA1206_(4X0603)_4B8_0R) NA(RA1206_(4X0603)_4B8_10k) NA(RCLAMP0524P) NA(W25Q128FVSIG(SOIC-8_Wide)/(EN25Q64-104HIP)) Open VPS+, VPS- Opened	CON2DW02S L-USL0805_5MIL_DWS))) H27UBG8T2A CON2HN1X2 JP1E KLMAG2GEND-B031(FBGA153) MTFC4GACAANA-4MIT R_MATRIX_4E_25X625 R_MATRIX_4E R_MATRIX_4E RCLAMP0524PTEST W25Q16BVSSIG(S0-8) SJSJ_SMALLER SJSJ_SMALLER	5V_PWR L1, L2, L8, L10 U8 BKUP MIC2 U26 U24 RM4, RM5 RM2 RM3, RM6 U17, U22, U23 U25 5V_E, 5V_E_SATA, WP_ENABLE
C238, C250, C252, C254 2 NA(330R/1%) 1 NA(DW02S) 4 NA(FB0805/600R/2A) 1 NA(H27UBG8T2BTR_or_MT29F64G08CBABAWP:BTR(8GB_NAND 1 NA(HN1x2) 1 NA(HN1x2) 1 NA(KLMAG2GEND-B031(FBGA153)) 1 NA(MTFC4GACAANA-4M_IT(TBGA100)) 2 NA(RA0805_(4X0402)_22R) 1 NA(RA1206_(4X0603)_4B8_0R) 2 NA(RA1206_(4X0603)_4B8_10k) 3 NA(RCLAMP0524P) 1 NA(W25Q128FVSIG(SOIC-8_Wide)/(EN25Q64-104HIP)) 4 Open VPS+, VPS- 1 Opened 2 PJ-W47S-05D2-LF_V2	CON2DW02S L-USL0805_5MIL_DWS)) H27UBG8T2A CON2HN1X2 JP1E KLMAG2GEND-B031(FBGA153) MTFC4GACAANA-4MIT R_MATRIX_4E_25X625 R_MATRIX_4E R_MATRIX_4E RCLAMP0524PTEST W25Q16BVSSIG(SO-8) SJSJ_SMALLER	5V_PWR L1, L2, L8, L10 U8 BKUP MIC2 U26 U24 RM4, RM5 RM2 RM3, RM6 U17, U22, U23 U25 5V_E, 5V_E_SATA,
C238, C250, C252, C254 2 NA(330R/1%) 1 NA(DW02S) 4 NA(FB0805/600R/2A) 1 NA(H27UBG8T2BTR_or_MT29F64G08CBABAWP:BTR(8GB_NAND NA(HN1x2)) 1 NA(HN1x2) 1 NA(KLMAG2GEND-B031(FBGA153)) 1 NA(MTFC4GACAANA-4M_IT(TBGA100)) 2 NA(RA0805_(4X0402)_22R) 1 NA(RA1206_(4X0603)_4B8_0R) 2 NA(RA1206_(4X0603)_4B8_10k) 3 NA(RCLAMP0524P) 1 NA(W25Q128FVSIG(SOIC-8_Wide)/(EN25Q64-104HIP)) 4 Open VPS+, VPS- 1 Opened 2 PJ-W47S-05D2-LF_V2 MIC_IN	CON2DW02S L-USL0805_5MIL_DWS D)) H27UBG8T2A CON2HN1X2 JP1E KLMAG2GEND-B031(FBGA153) MTFC4GACAANA-4MIT R_MATRIX_4E_25X625 R_MATRIX_4E R_CLAMP0524PTEST W25Q16BVSSIG(SO-8) SJSJ_SMALLER AUDIO_JACK_5PINPJ-W47S-05D2-LF_V2	5V_PWR L1, L2, L8, L10 U8 BKUP MIC2 U26 U24 RM4, RM5 RM2 RM3, RM6 U17, U22, U23 U25 5V_E, 5V_E_SATA, WP_ENABLE HEADPHONES,
C238, C250, C252, C254 2 NA(330R/1%) 1 NA(DW02S) 4 NA(FB0805/600R/2A) 1 NA(H27UBG8T2BTR_or_MT29F64G08CBABAWP:BTR(8GB_NANII) 1 NA(HN1x2) 1 NA(HN1x2) 1 NA(KLMAG2GEND-B031(FBGA153)) 1 NA(MTFC4GACAANA-4M_IT(TBGA100)) 2 NA(RA0805_(4X0402)_22R) 1 NA(RA1206_(4X0603)_4B8_0R) 2 NA(RA1206_(4X0603)_4B8_10k) 3 NA(RCLAMP0524P) 1 NA(W25Q128FVSIG(SOIC-8_Wide)/(EN25Q64-104HIP)) 4 Open VPS+, VPS- 1 Opened 2 PJ-W47S-05D2-LF_V2 MIC_IN 1 PSD006A-LT2-BA0	CON2DW02S L-USL0805_5MIL_DWS D)) H27UBG8T2A CON2HN1X2 JP1E KLMAG2GEND-B031(FBGA153) MTFC4GACAANA-4MIT R_MATRIX_4E_25X625 R_MATRIX_4E R_LAMP0524PTEST W25Q16BVSSIG(S0-8) SJSJ_SMALLER AUDIO_JACK_5PINPJ-W47S-05D2-LF_V2 SD_CARD_PSD006A-LT2-BA0	5V_PWR L1, L2, L8, L10 U8 BKUP MIC2 U26 U24 RM4, RM5 RM2 RM3, RM6 U17, U22, U23 U25 5V_E, 5V_E_SATA, WP_ENABLE HEADPHONES, SD/MMC2
C238, C250, C252, C254 2 NA(330R/1%) 1 NA(DW02S) 4 NA(FB0805/600R/2A) 1 NA(H27UBG8T2BTR_or_MT29F64G08CBABAWP:BTR(8GB_NANII) 1 NA(HN1x2) 1 NA(HN1x2) 1 NA(KLMAG2GEND-B031(FBGA153)) 1 NA(MTFC4GACAANA-4M_IT(TBGA100)) 2 NA(RA0805_(4X0402)_22R) 1 NA(RA1206_(4X0603)_4B8_0R) 2 NA(RA1206_(4X0603)_4B8_10k) 3 NA(RCLAMP0524P) 1 NA(W25Q128FVSIG(SOIC-8_Wide)/(EN25Q64-104HIP)) 4 Open VPS+, VPS- 1 Opened 2 PJ-W47S-05D2-LF_V2 MIC_IN 1 PSD006A-LT2-BA0 1 PWRJ-2mm(YDJ-1136)	CON2DW02S L-USL0805_5MIL_DWS D)) H27UBG8T2A CON2HN1X2 JP1E KLMAG2GEND-B031(FBGA153) MTFC4GACAANA-4MIT R_MATRIX_4E_25X625 R_MATRIX_4E RCLAMP0524PTEST W25Q16BVSSIG(S0-8) SJSJ_SMALLER AUDIO_JACK_5PINPJ-W47S-05D2-LF_V2 SD_CARD_PSD006A-LT2-BA0 PWR-JAKPWR_JACK_UNI_MILLING_SMALLER_DRILLS	5V_PWR L1, L2, L8, L10 U8 BKUP MIC2 U26 U24 RM4, RM5 RM2 RM3, RM6 U17, U22, U23 U25 5V_E, 5V_E_SATA, WP_ENABLE HEADPHONES, SD/MMC2 PWR
C238, C250, C252, C254 2 NA(330R/1%) 1 NA(DW02S) 4 NA(FB0805/600R/2A) 1 NA(H27UBG8T2BTR_or_MT29F64G08CBABAWP:BTR(8GB_NANII) 1 NA(HN1x2) 1 NA(HN1x2) 1 NA(KLMAG2GEND-B031(FBGA153)) 1 NA(MTFC4GACAANA-4M_IT(TBGA100)) 2 NA(RA0805_(4X0402)_22R) 1 NA(RA1206_(4X0603)_4B8_0R) 2 NA(RA1206_(4X0603)_4B8_10k) 3 NA(RCLAMP0524P) 1 NA(W25Q128FVSIG(SOIC-8_Wide)/(EN25Q64-104HIP)) 4 Open VPS+, VPS- 1 Opened 2 PJ-W47S-05D2-LF_V2 MIC_IN 1 PSD006A-LT2-BA0 1 PWRJ-2mm(YDJ-1136) 1 Q24MHz/20pF/20ppm/2P/5.0x3.2mm	CON2DW02S L-USL0805_5MIL_DWS D) H27UBG8T2A CON2HN1X2 JP1E KLMAG2GEND-B031(FBGA153) MTFC4GACAANA-4MIT R_MATRIX_4E_25X625 R_MATRIX_4E RCLAMP0524PTEST W25Q16BVSSIG(S0-8) SJSJ_SMALLER AUDIO_JACK_5PINPJ-W47S-05D2-LF_V2 SD_CARD_PSD006A-LT2-BA0 PWR-JAKPWR_JACK_UNI_MILLING_SMALLER_DRILLS HC49/S_E4SB25.000F20E15	5V_PWR L1, L2, L8, L10 U8 BKUP MIC2 U26 U24 RM4, RM5 RM2 RM3, RM6 U17, U22, U23 U25 5V_E, 5V_E_SATA, WP_ENABLE HEADPHONES, SD/MMC2 PWR Q3
C238, C250, C252, C254 2 NA(330R/1%) 1 NA(DW02S) 4 NA(FB0805/600R/2A) 1 NA(H27UBG8T2BTR_or_MT29F64G08CBABAWP:BTR(8GB_NAND 1 NA(HN1x2) 1 NA(HN1x2) 1 NA(KLMAG2GEND-B031(FBGA153)) 1 NA(MTFC4GACAANA-4M_IT(TBGA100)) 2 NA(RA0805_(4X0402)_22R) 1 NA(RA1206_(4X0603)_4B8_0R) 2 NA(RA1206_(4X0603)_4B8_10k) 3 NA(RCLAMP0524P) 1 NA(W25Q128FVSIG(SOIC-8_Wide)/(EN25Q64-104HIP)) 4 Open VPS+, VPS- 1 Opened 2 PJ-W47S-05D2-LF_V2 MIC_IN 1 PSD006A-LT2-BA0 1 PWRJ-2mm(YDJ-1136) 1 Q24MHz/20pF/20ppm/2P/5.0x3.2mm 1 Q25MHz/20pF/20ppm/2P/5.0x3.2mm	CON2DW02S L-USL0805_5MIL_DWS 1)) H27UBG8T2A CON2HN1X2 JP1E KLMAG2GEND-B031(FBGA153) MTFC4GACAANA-4MIT R_MATRIX_4E_25X625 R_MATRIX_4E R_MATRIX_4E R_CLAMP0524PTEST W25Q16BVSSIG(S0-8) SJSJ_SMALLER SJSJ_SMALLER AUDIO_JACK_5PINPJ-W47S-05D2-LF_V2 SD_CARD_PSD006A-LT2-BA0 PWR-JAKPWR_JACK_UNI_MILLING_SMALLER_DRILLS HC49/S_E4SB25.000F20E15 HC49/S_E4SB25.000F20E15	5V_PWR L1, L2, L8, L10 U8 BKUP MIC2 U26 U24 RM4, RM5 RM2 RM3, RM6 U17, U22, U23 U25 5V_E, 5V_E_SATA, WP_ENABLE HEADPHONES, SD/MMC2 PWR Q3 Q1
C238, C250, C252, C254 2 NA(330R/1%) 1 NA(DW02S) 4 NA(FB0805/600R/2A) 1 NA(H27UBG8T2BTR_or_MT29F64G08CBABAWP:BTR(8GB_NAND 1 NA(HN1x2) 1 NA(HN1x2) 1 NA(KLMAG2GEND-B031(FBGA153)) 1 NA(MTFC4GACAANA-4M_IT(TBGA100)) 2 NA(RA0805_(4X0402)_22R) 1 NA(RA1206_(4X0603)_4B8_0R) 2 NA(RA1206_(4X0603)_4B8_10k) 3 NA(RCLAMP0524P) 1 NA(W25Q128FVSIG(SOIC-8_Wide)/(EN25Q64-104HIP)) 4 Open VPS+, VPS- 1 Opened 2 PJ-W47S-05D2-LF_V2 MIC_IN 1 PSD006A-LT2-BA0 1 PWRJ-2mm(YDJ-1136) 1 Q24MHz/20pF/20ppm/2P/5.0x3.2mm 1 Q25MHz/20pF/20ppm/2P/5.0x3.2mm 1 Q32.768kHz/12.5pF/20ppm/4P/SMD8038	CON2DW02S L-USL0805_5MIL_DWS 1)) H27UBG8T2A CON2HN1X2 JP1E KLMAG2GEND-B031(FBGA153) MTFC4GACAANA-4MIT R_MATRIX_4E_25X625 R_MATRIX_4E R_MATRIX_4E RCLAMP0524PTEST W25Q16BVSSIG(S0-8) SJSJ_SMALLER AUDIO_JACK_5PINPJ-W47S-05D2-LF_V2 SD_CARD_PSD006A-LT2-BA0 PWR-JAKPWR_JACK_UNI_MILLING_SMALLER_DRILLS HC49/S_E4SB25.000F20E15 HC49/S_E4SB25.000F20E15 MC-306_MC-306-TEST	5V_PWR L1, L2, L8, L10 U8 BKUP MIC2 U26 U24 RM4, RM5 RM2 RM3, RM6 U17, U22, U23 U25 5V_E, 5V_E_SATA, WP_ENABLE HEADPHONES, SD/MMC2 PWR Q3 Q1 Q2
C238, C250, C252, C254 2 NA(330R/1%) 1 NA(DW02S) 4 NA(FB0805/600R/2A) 1 NA(H27UBG8T2BTR_or_MT29F64G08CBABAWP:BTR(8GB_NAND 1 NA(HN1x2) 1 NA(HN1x2) 1 NA(KLMAG2GEND-B031(FBGA153)) 1 NA(MTFC4GACAANA-4M_IT(TBGA100)) 2 NA(RA0805_(4X0402)_22R) 1 NA(RA1206_(4X0603)_4B8_0R) 2 NA(RA1206_(4X0603)_4B8_10k) 3 NA(RCLAMP0524P) 1 NA(W25Q128FVSIG(SOIC-8_Wide)/(EN25Q64-104HIP)) 4 Open VPS+, VPS- 1 Opened 2 PJ-W47S-05D2-LF_V2 MIC_IN 1 PSD006A-LT2-BA0 1 PWRJ-2mm(YDJ-1136) 1 Q24MHz/20pF/20ppm/2P/5.0x3.2mm 1 Q25MHz/20pF/20ppm/2P/5.0x3.2mm 1 Q32.768kHz/12.5pF/20ppm/4P/SMD8038 1 RA1206_(4X0603)_4B8_0R	CON2DW02S L-USL0805_5MIL_DWS D)) H27UBG8T2A CON2HN1X2 JP1E KLMAG2GEND-B031(FBGA153) MTFC4GACAANA-4MIT R_MATRIX_4E_25X625 R_MATRIX_4E R_CLAMP0524PTEST W25Q16BVSSIG(SO-8) SJSJ_SMALLER SJSJ_SMALLER AUDIO_JACK_5PINPJ-W47S-05D2-LF_V2 SD_CARD_PSD006A-LT2-BA0 PWR-JAKPWR_JACK_UNI_MILLING_SMALLER_DRILLS HC49/S_E4SB25.000F20E15 HC49/S_E4SB25.000F20E15 MC-306_MC-306-TEST R_MATRIX_4E	5V_PWR L1, L2, L8, L10 U8 BKUP MIC2 U26 U24 RM4, RM5 RM2 RM3, RM6 U17, U22, U23 U25 5V_E, 5V_E_SATA, WP_ENABLE HEADPHONES, SD/MMC2 PWR Q3 Q1 Q2 RM1
C238, C250, C252, C254 2 NA(330R/1%) 1 NA(DW02S) 4 NA(FB0805/600R/2A) 1 NA(H27UBG8T2BTR_or_MT29F64G08CBABAWP:BTR(8GB_NANU) 1 NA(HN1x2) 1 NA(HN1x2) 1 NA(KLMAG2GEND-B031(FBGA153)) 1 NA(MTFC4GACAANA-4M_IT(TBGA100)) 2 NA(RA0805_(4X0402)_22R) 1 NA(RA1206_(4X0603)_4B8_0R) 2 NA(RA1206_(4X0603)_4B8_10k) 3 NA(RCLAMP0524P) 1 NA(W25Q128FVSIG(SOIC-8_Wide)/(EN25Q64-104HIP)) 4 Open VPS+, VPS- 1 Opened 2 PJ-W47S-05D2-LF_V2 MIC_IN 1 PSD006A-LT2-BA0 1 PWRJ-2mm(YDJ-1136) 1 Q24MHz/20pF/20ppm/2P/5.0x3.2mm 1 Q25MHz/20pF/20ppm/2P/5.0x3.2mm 1 Q25MHz/20pF/20ppm/2P/5.0x3.2mm 1 Q32.768kHz/12.5pF/20ppm/4P/SMD8038 1 RA1206_(4X0603)_4B8_0R 2 RA1206_(4X0603)_4B8_0R	CON2DW02S L-USL0805_5MIL_DWS D)) H27UBG8T2A CON2HN1X2 JP1E KLMAG2GEND-B031(FBGA153) MTFC4GACAANA-4MIT R_MATRIX_4E_25X625 R_MATRIX_4E R_CLAMP0524PTEST W25Q16BVSSIG(SO-8) SJSJ_SMALLER SJSJ_SMALLER AUDIO_JACK_5PINPJ-W47S-05D2-LF_V2 SD_CARD_PSD006A-LT2-BA0 PWR-JAKPWR_JACK_UNI_MILLING_SMALLER_DRILLS HC49/S_E4SB25.000F20E15 HC49/S_E4SB25.000F20E15 MC-306_MC-306-TEST R_MATRIX_4E R_MATRIX_4E	5V_PWR L1, L2, L8, L10 U8 BKUP MIC2 U26 U24 RM4, RM5 RM2 RM3, RM6 U17, U22, U23 U25 5V_E, 5V_E_SATA, WP_ENABLE HEADPHONES, SD/MMC2 PWR Q3 Q1 Q2 RM1 RM9, RM10
C238, C250, C252, C254 2 NA(330R/1%) 1 NA(DW02S) 4 NA(FB0805/600R/2A) 1 NA(H27UBG8T2BTR_or_MT29F64G08CBABAWP:BTR(8GB_NANII) 1 NA(HN1x2) 1 NA(HN1x2) 1 NA(KLMAG2GEND-B031(FBGA153)) 1 NA(MTFC4GACAANA-4M_IT(TBGA100)) 2 NA(RA0805_(4X0402)_22R) 1 NA(RA1206_(4X0603)_4BB_0R) 2 NA(RA1206_(4X0603)_4BB_10k) 3 NA(RCLAMP0524P) 1 NA(W25Q128FVSIG(SOIC-8_Wide)/(EN25Q64-104HIP)) 4 Open VPS+, VPS- 1 Opened 2 PJ-W47S-05D2-LF_V2 MIC_IN 1 PSD006A-LT2-BA0 1 PWRJ-2mm(YDJ-1136) 1 Q24MHz/20pF/20ppm/2P/5.0x3.2mm 1 Q25MHz/20pF/20ppm/2P/5.0x3.2mm 1 Q25MHz/20pF/20ppm/2P/5.0x3.2mm 1 Q32.768kHz/12.5pF/20ppm/4P/SMD8038 1 RA1206_(4X0603)_4B8_0R 2 RA1206_(4X0603)_4B8_1.5k 1 RA1206_(4X0603)_4B8_1.5k	CON2DW02S L-USL0805_5MIL_DWS D) H27UBG8T2A CON2HN1X2 JP1E KLMAG2GEND-B031(FBGA153) MTFC4GACAANA-4MIT R_MATRIX_4E_25X625 R_MATRIX_4E R_CLAMP0524PTEST W25Q16BVSSIG(SO-8) SJSJ_SMALLER SJSJ_SMALLER AUDIO_JACK_5PINPJ-W47S-05D2-LF_V2 SD_CARD_PSD006A-LT2-BA0 PWR-JAKPWR_JACK_UNI_MILLING_SMALLER_DRILLS HC49/S_E4SB25.000F20E15 HC49/S_E4SB25.000F20E15 MC-306_MC-306-TEST R_MATRIX_4E R_MATRIX_4E R_MATRIX_4E R_MATRIX_4E	5V_PWR L1, L2, L8, L10 U8 BKUP MIC2 U26 U24 RM4, RM5 RM2 RM3, RM6 U17, U22, U23 U25 5V_E, 5V_E_SATA, WP_ENABLE HEADPHONES, SD/MMC2 PWR Q3 Q1 Q2 RM1 RM9, RM10 RM25
C238, C250, C252, C254 2 NA(330R/1%) 1 NA(DW02S) 4 NA(FB0805/600R/2A) 1 NA(H27UBG8T2BTR_or_MT29F64G08CBABAWP:BTR(8GB_NANU) 1 NA(HN1x2) 1 NA(HN1x2) 1 NA(KLMAG2GEND-B031(FBGA153)) 1 NA(MTFC4GACAANA-4M_IT(TBGA100)) 2 NA(RA0805_(4X0402)_22R) 1 NA(RA1206_(4X0603)_4B8_0R) 2 NA(RA1206_(4X0603)_4B8_10k) 3 NA(RCLAMP0524P) 1 NA(W25Q128FVSIG(SOIC-8_Wide)/(EN25Q64-104HIP)) 4 Open VPS+, VPS- 1 Opened 2 PJ-W47S-05D2-LF_V2 MIC_IN 1 PSD006A-LT2-BA0 1 PWRJ-2mm(YDJ-1136) 1 Q24MHz/20pF/20ppm/2P/5.0x3.2mm 1 Q25MHz/20pF/20ppm/2P/5.0x3.2mm 1 Q25MHz/20pF/20ppm/2P/5.0x3.2mm 1 Q32.768kHz/12.5pF/20ppm/4P/SMD8038 1 RA1206_(4X0603)_4B8_0R 2 RA1206_(4X0603)_4B8_0R	CON2DW02S L-USL0805_5MIL_DWS D)) H27UBG8T2A CON2HN1X2 JP1E KLMAG2GEND-B031(FBGA153) MTFC4GACAANA-4MIT R_MATRIX_4E_25X625 R_MATRIX_4E R_CLAMP0524PTEST W25Q16BVSSIG(SO-8) SJSJ_SMALLER SJSJ_SMALLER AUDIO_JACK_5PINPJ-W47S-05D2-LF_V2 SD_CARD_PSD006A-LT2-BA0 PWR-JAKPWR_JACK_UNI_MILLING_SMALLER_DRILLS HC49/S_E4SB25.000F20E15 HC49/S_E4SB25.000F20E15 MC-306_MC-306-TEST R_MATRIX_4E R_MATRIX_4E	5V_PWR L1, L2, L8, L10 U8 BKUP MIC2 U26 U24 RM4, RM5 RM2 RM3, RM6 U17, U22, U23 U25 5V_E, 5V_E_SATA, WP_ENABLE HEADPHONES, SD/MMC2 PWR Q3 Q1 Q2 RM1 RM9, RM10
C238, C250, C252, C254 2 NA(330R/1%) 1 NA(DW02S) 4 NA(FB0805/600R/2A) 1 NA(H27UBG8T2BTR_or_MT29F64G08CBABAWP:BTR(8GB_NANII) 1 NA(HN1x2) 1 NA(HN1x2) 1 NA(KLMAG2GEND-B031(FBGA153)) 1 NA(MTFC4GACAANA-4M_IT(TBGA100)) 2 NA(RA0805_(4X0402)_22R) 1 NA(RA1206_(4X0603)_4B8_0R) 2 NA(RA1206_(4X0603)_4B8_10k) 3 NA(RCLAMP0524P) 1 NA(W25Q128FVSIG(SOIC-8_Wide)/(EN25Q64-104HIP)) 4 Open VPS+, VPS- 1 Opened 2 PJ-W47S-05D2-LF_V2 MIC_IN 1 PSD006A-LT2-BA0 1 PWRJ-2mm(YDJ-1136) 1 Q24MHz/20pF/20ppm/2P/5.0x3.2mm 1 Q25MHz/20pF/20ppm/2P/5.0x3.2mm 1 Q25MHz/20pF/20ppm/2P/5.0x3.2mm 1 Q32.768kHz/12.5pF/20ppm/4P/SMD8038 1 RA1206_(4X0603)_4B8_0R 2 RA1206_(4X0603)_4B8_10k 1 RA1206_(4X0603)_4B8_10k 1 RA1206_(4X0603)_4B8_10k 1 RA1206_(4X0603)_4B8_10k	CON2DW02S L-USL0805_5MIL_DWS D) H27UBG8T2A CON2HN1X2 JP1E KLMAG2GEND-B031(FBGA153) MTFC4GACAANA-4MIT R_MATRIX_4E_25X625 R_MATRIX_4E RCLAMP0524PTEST W25Q16BVSSIG(SO-8) SJSJ_SMALLER AUDIO_JACK_5PINPJ-W47S-05D2-LF_V2 SD_CARD_PSD006A-LT2-BA0 PWR-JAKPWR_JACK_UNI_MILLING_SMALLER_DRILLS HC49/S_E4SB25.000F20E15 HC49/S_E4SB25.000F20E15 MC-306_MC-306-TEST R_MATRIX_4E R_MATRIX_4E R_MATRIX_4E R_MATRIX_4E R_MATRIX_4E R_MATRIX_4E	5V_PWR L1, L2, L8, L10 U8 BKUP MIC2 U24 RM4, RM5 RM2 RM3, RM6 U17, U22, U23 U25 5V_E, 5V_E_SATA, WP_ENABLE HEADPHONES, SD/MMC2 PWR Q3 Q1 Q2 RM1 RM9, RM10 RM25 RM7
C238, C250, C252, C254 2 NA(330R/1%) 1 NA(DW02S) 4 NA(FB0805/600R/2A) 1 NA(H27UBG8T2BTR_or_MT29F64G08CBABAWP:BTR(8GB_NANII) 1 NA(HN1x2) 1 NA(HN1x2) 1 NA(KLMAG2GEND-B031(FBGA153)) 1 NA(MTFC4GACAANA-4M_IT(TBGA100)) 2 NA(RA0805_(4X0402)_22R) 1 NA(RA1206_(4X0603)_4B8_0R) 2 NA(RA1206_(4X0603)_4B8_10k) 3 NA(RCLAMP0524P) 1 NA(W25Q128FVSIG(SOIC-8_Wide)/(EN25Q64-104HIP)) 4 Open VPS+, VPS- 1 Opened 2 PJ-W47S-05D2-LF_V2 MIC_IN 1 PSD006A-LT2-BA0 1 PWRJ-2mm(YDJ-1136) 1 Q24MHz/20pF/20ppm/2P/5.0x3.2mm 1 Q25MHz/20pF/20ppm/2P/5.0x3.2mm 1 Q25MHz/20pF/20ppm/2P/5.0x3.2mm 1 Q32.768kHz/12.5pF/20ppm/4P/SMD8038 1 RA1206_(4X0603)_4B8_0R 2 RA1206_(4X0603)_4B8_1.5k 1 RA1206_(4X0603)_4B8_10k 1 RA1206_(4X0603)_4B8_10k 1 RA1206_(4X0603)_4B8_75R 2 RA1206_(4X0603)_4B8_75R 2 RA1206_(4X0603)_4B8_75R 2 RA1206_(4X0603)_4B8_100K	CON2DW02S L-USL0805_5MIL_DWS))) H27UBG8T2A CON2HN1X2 JP1E KLMAG2GEND-B031(FBGA153) MTFC4GACAANA-4MIT R_MATRIX_4E_25X625 R_MATRIX_4E RCLAMP0524PTEST W25Q16BVSSIG(SO-8) SJSJ_SMALLER AUDIO_JACK_5PINPJ-W47S-05D2-LF_V2 SD_CARD_PSD006A-LT2-BA0 PWR-JAKPWR_JACK_UNI_MILLING_SMALLER_DRILLS HC49/S_E4SB25.000F20E15 HC49/S_E4SB25.000F20E15 MC-306_MC-306-TEST R_MATRIX_4E	5V_PWR L1, L2, L8, L10 U8 BKUP MIC2 U26 U24 RM4, RM5 RM2 RM3, RM6 U17, U22, U23 U25 5V_E, 5V_E_SATA, WP_ENABLE HEADPHONES, SD/MMC2 PWR Q3 Q1 Q2 RM1 RM9, RM10 RM25 RM7 RM8, RM11
C238, C250, C252, C254 2 NA(330R/1%) 1 NA(DW02S) 4 NA(FB0805/600R/2A) 1 NA(H27UBG8T2BTR_or_MT29F64G08CBABAWP:BTR(8GB_NANU 1 NA(HN1x2) 1 NA(HN1x2) 1 NA(KLMAG2GEND-B031(FBGA153)) 1 NA(MTFC4GACAANA-4M_IT(TBGA100)) 2 NA(RA0805_(4X0402)_22R) 1 NA(RA1206_(4X0603)_4B8_0R) 2 NA(RA1206_(4X0603)_4B8_10k) 3 NA(RCLAMP0524P) 1 NA(W25Q128FVSIG(SOIC-8_Wide)/(EN25Q64-104HIP)) 4 Open VPS+, VPS- 1 Opened 2 PJ-W47S-05D2-LF_V2 MIC_IN 1 PSD006A-LT2-BA0 1 PWRJ-2mm(YDJ-1136) 1 Q24MHz/20pF/20ppm/2P/5.0x3.2mm 1 Q25MHz/20pF/20ppm/2P/5.0x3.2mm 1 Q25MHz/20pF/20ppm/2P/5.0x3.2mm 1 Q32.768kHz/12.5pF/20ppm/4P/SMD8038 1 RA1206_(4X0603)_4B8_0R 2 RA1206_(4X0603)_4B8_10k 1 RA1206_(4X0603)_4B8_10k 1 RA1206_(4X0603)_4B8_15R 2 RA1206_(4X0603)_4B8_15R 2 RA1206_(4X0603)_4B8_10K 1 RA1206_(4X0603)_4B8_10K 1 RA1206_(4X0603)_4B8_100K 1 RJLBC-060TC1 1 SATA-PWA-07 10 SIDE_WTCM-TR(3X4)	CON2DW02S L-USL0805_5MIL_DWS 1) H27UBG8T2A CON2HN1X2 JP1E KLMAG2GEND-B031(FBGA153) MTFC4GACAANA-4MIT R_MATRIX_4E_25X625 R_MATRIX_4E R_CLAMP0524PTEST W25Q16BVSSIG(SO-8) SJSJ_SMALLER SJSJ_SMALLER SJSJ_SMALLER AUDIO_JACK_5PINPJ-W47S-05D2-LF_V2 SD_CARD_PSD006A-LT2-BA0 PWR-JAKPWR_JACK_UNI_MILLING_SMALLER_DRILLS HC49/S_E4SB25.000F20E15 MC-306_MC-306-TEST R_MATRIX_4E	5V_PWR L1, L2, L8, L10 U8 BKUP MIC2 U26 U24 RM4, RM5 RM2 RM3, RM6 U17, U22, U23 U25 5V_E, 5V_E_SATA, WP_ENABLE HEADPHONES, SD/MMC2 PWR Q3 Q1 Q2 RM1 RM9, RM10 RM25 RM7 RM8, RM11 LAN
C238, C250, C252, C254 2 NA(330R/1%) 1 NA(DW02S) 4 NA(FB0805/600R/2A) 1 NA(H27UBG8T2BTR_or_MT29F64G08CBABAWP:BTR(8GB_NANII) 1 NA(HN1x2) 1 NA(HN1x2) 1 NA(KLMAG2GEND-B031(FBGA153)) 1 NA(MTFC4GACAANA-4M_IT(TBGA100)) 2 NA(RA0805_(4X0402)_22R) 1 NA(RA1206_(4X0603)_4B8_0R) 2 NA(RA1206_(4X0603)_4B8_10k) 3 NA(RCLAMP0524P) 1 NA(W25Q128FVSIG(SOIC-8_Wide)/(EN25Q64-104HIP)) 4 Open VPS+, VPS- 1 Opened 2 PJ-W47S-05D2-LF_V2 MIC_IN 1 PSD006A-LT2-BA0 1 PWRJ-2mm(YDJ-1136) 1 Q24MHz/20pF/20ppm/2P/5.0x3.2mm 1 Q25MHz/20pF/20ppm/2P/5.0x3.2mm 1 Q25MHz/20pF/20ppm/2P/5.0x3.2mm 1 Q25MHz/20pF/20ppm/2P/5.0x3.2mm 1 Q32.768kHz/12.5pF/20ppm/4P/SMD8038 1 RA1206_(4X0603)_4B8_0R 2 RA1206_(4X0603)_4B8_1.5k 1 RA1206_(4X0603)_4B8_1.5k 2 RA1206_(4X0603)_4B8_1.5k 3 RA1206_(4X0603)_4B8_1.5k 3 RA1206_(4X0603)_4B8_1.5k 3 RA1206_(4X0603)_4B8_1.5k 3 RA1206_(4X0603)_4B8_1.5k 4 RA1206_(4X0603)_4B8_1.5k 5 RA1206_(4X0603)_4B8_1.5k 6 RA1206_(4X0603)_4B8_1.5k 7 RA1206_(4X0603)_4B8_1.5k 7 RA1206_(4X0603)_4B8_1.5k 8 RA1206_(4X0603)_4B8_1.5k 9 RA1206_(4X0603)_4B8_1.5k 1 RA1206_(4X0603)_4B8_1.5k 1 RA1206_(4X0603)_4B8_1.5k 2 RA1206_(4X0603)_4B8_1.5k 3 RA1206_(4X0603)_4B8_1.5k 4 RA1206_(4X0603)_4B8_1.5k 5 RA1206_(4X0603)_4B8_1.5k 6 RA1206_(4X0603)_4B8_1.5k 7 RA1206_(4X0603)_4B8_1.5k 8 RA1206_(4X0603)_4B8_	CON2DW02S L-USL0805_5MIL_DWS D)) H27UBG8T2A CON2HN1X2 JP1E KLMAG2GEND-B031(FBGA153) MTFC4GACAANA-4MIT R_MATRIX_4E_25X625 R_MATRIX_4E R_CLAMP0524PTEST W25Q16BVSSIG(SO-8) SJSJ_SMALLER SJSJ_SMALLER AUDIO_JACK_5PINPJ-W47S-05D2-LF_V2 SD_CARD_PSD006A-LT2-BA0 PWR-JAKPWR_JACK_UNI_MILLING_SMALLER_DRILLS HC49/S_E4SB25.000F20E15 HC49/S_E4SB25.000F20E15 MC-306_MC-306-TEST R_MATRIX_4E RJLBC-060TC1_GND_MILLING SATA-PWA-07TEST SW-TAKTSIDE_WTCM-TR(3X4) //OL-	5V_PWR L1, L2, L8, L10 U8 BKUP MIC2 U26 U24 RM4, RM5 RM2 RM3, RM6 U17, U22, U23 U25 5V_E, 5V_E_SATA, WP_ENABLE HEADPHONES, SD/MMC2 PWR Q3 Q1 Q2 RM1 RM9, RM10 RM25 RM7 RM8, RM11 LAN SATA ENTER, ESC,
C238, C250, C252, C254 2 NA(330R/1%) 1 NA(0W02S) 4 NA(FB0805/600R/2A) 1 NA(HN1x2) 1 NA(HN1x2) 1 NA(HN1x2) 1 NA(HN1x2) 1 NA(KLMAG2GEND-B031(FBGA153)) 1 NA(MTFC4GACAANA-4M_IT(TBGA100)) 2 NA(RA0805_(4X0402)_22R) 1 NA(RA1206_(4X0603)_4B8_0R) 2 NA(RA1206_(4X0603)_4B8_10k) 3 NA(RCLAMP0524P) 1 NA(W25Q128FVSIG(SOIC-8_Wide)/(EN25Q64-104HIP)) 4 Open VPS+, VPS- 1 Opened 2 PJ-W47S-05D2-LF_V2 MIC_IN 1 PSD006A-LT2-BA0 1 PWRJ-2mm(YDJ-1136) 1 Q24MHz/20pF/20ppm/2P/5.0x3.2mm 1 Q25MHz/20pF/20ppm/2P/5.0x3.2mm 1 Q25MHz/20pF/20ppm/2P/5.0x3.2mm 1 Q32.768kHz/12.5pF/20ppm/4P/SMD8038 1 RA1206_(4X0603)_4B8_0R 2 RA1206_(4X0603)_4B8_1.5k 1 RA1206_(4X0603)_4B8_1.5k 1 RA1206_(4X0603)_4B8_10k 1 RA1206_(4X0603)_4B8_15R 2 RA1206_(4X0603)_4B8_15R 2 RA1206_(4X0603)_4B8_10K 1 RA1206_(4X0603)_4B8_10	CON2DW02S L-USL0805_5MIL_DWS D)) H27UBG8T2A CON2HN1X2 JP1E KLMAG2GEND-B031(FBGA153) MTFC4GACAANA-4MIT R_MATRIX_4E_25X625 R_MATRIX_4E R_CLAMP0524PTEST W25Q16BVSSIG(SO-8) SJSJ_SMALLER SJSJ_SMALLER SJSJ_SMALLER AUDIO_JACK_5PINPJ-W47S-05D2-LF_V2 SD_CARD_PSD006A-LT2-BA0 PWR-JAKPWR_JACK_UNI_MILLING_SMALLER_DRILLS HC49/S_E4SB25.000F20E15 HC49/S_E4SB25.000F20E15 MC-306_MC-306-TEST R_MATRIX_4E R	5V_PWR L1, L2, L8, L10 U8 BKUP MIC2 U26 U24 RM4, RM5 RM2 RM3, RM6 U17, U22, U23 U25 5V_E, 5V_E_SATA, WP_ENABLE HEADPHONES, SD/MMC2 PWR Q3 Q1 Q2 RM1 RM9, RM10 RM25 RM7 RM8, RM11 LAN SATA ENTER, ESC,
C238, C250, C252, C254 2 NA(330R/1%) 1 NA(DW02S) 4 NA(FB0805/600R/2A) 1 NA(HX7UBG8T2BTR_or_MT29F64G08CBABAWP:BTR(8GB_NANE) 1 NA(HX1x2) 1 NA(HX1x2) 1 NA(HX1x2) 1 NA(MTFC4GACANA-4M_IT(TBGA100)) 2 NA(RA0805_(4X0402)_22R) 1 NA(RA1206_(4X0603)_4B8_0R) 2 NA(RA1206_(4X0603)_4B8_10k) 3 NA(RCLAMP0524P) 1 NA(WZ5Q128FVSIG(SOIC-8_Wide)/(EN25Q64-104HIP)) 4 Open VPS+, VPS- 1 Opened 2 PJ-W47S-05D2-LF_V2 MIC_IN 1 PSD006A-LT2-BA0 1 PWRJ-2mm(YDJ-1136) 1 Q24MHz/20pF/20ppm/2P/5.0x3.2mm 1 Q25MHz/20pF/20ppm/2P/5.0x3.2mm 1 Q32.768kHz/12.5pF/20ppm/4P/SMD8038 1 RA1206_(4X0603)_4B8_0R 2 RA1206_(4X0603)_4B8_10k 1 RJLBC-060TC1 1 SATA-PWA-07 10 SIDE_WTCM-TR(3X4) HOME, MENU, PWR_BUT, RECOVERY, RESET, SEARCH, VOL+, N SMBJ26A 3 SY6280AAC(SOT23-5)	CON2DW02S L-USL0805_5MIL_DWS D)) H27UBG8T2A CON2HN1X2 JP1E KLMAG2GEND-B031(FBGA153) MTFC4GACAANA-4MIT R_MATRIX_4E_25X625 R_MATRIX_4E R_CLAMP0524PTEST W25Q16BVSSIG(SO-8) SJSJ_SMALLER AUDIO_JACK_5PINPJ-W47S-05D2-LF_V2 SD_CARD_PSD006A-LT2-BA0 PWR-JAKPWR_JACK_UNI_MILLING_SMALLER_DRILLS HC49/S_E4SB25.000F20E15 HC49/S_E4SB25.000F20E15 MC-306_MC-306-TEST R_MATRIX_4E R_M	5V_PWR L1, L2, L8, L10 U8 BKUP MIC2 U26 U24 RM4, RM5 RM2 RM3, RM6 U17, U22, U23 U25 5V_E, 5V_E_SATA, WP_ENABLE HEADPHONES, SD/MMC2 PWR Q3 Q1 Q2 RM1 RM9, RM10 RM25 RM7 RM8, RM11 LAN SATA ENTER, ESC, D5 U9, U10, U11
C238, C250, C252, C254 2 NA(330R/1%) 1 NA(DW02S) 4 NA(FB0805/600R/2A) 1 NA(H27UBG8T2BTR_or_MT29F64G08CBABAWP:BTR(8GB_NANII) 1 NA(HN1x2) 1 NA(HN1x2) 1 NA(KLMAG2GEND-B031(FBGA153)) 1 NA(MTFC4GACAANA-4M_IT(TBGA100)) 2 NA(RA0805_(4X0402)_22R) 1 NA(RA1206_(4X0603)_4B8_0R) 2 NA(RA1206_(4X0603)_4B8_10k) 3 NA(RCLAMP0524P) 1 NA(W25Q128FVSIG(SOIC-8_wide)/(EN25Q64-104HIP)) 4 Open VPS+, VPS- 1 Opened 2 PJ-W47S-05D2-LF_V2 MIC_IN 1 PSD006A-LT2-BA0 1 PWRJ-2mm(YDJ-1136) 1 Q24MHz/20pF/20ppm/2P/5.0x3.2mm 1 Q25MHz/20pF/20ppm/2P/5.0x3.2mm 1 Q32.768kHz/12.5pF/20ppm/4P/SMD8038 1 RA1206_(4X0603)_4B8_0R 2 RA1206_(4X0603)_4B8_15k 1 RA1206_(4X0603)_4B8_15k 1 RA1206_(4X0603)_4B8_15k 1 RA1206_(4X0603)_4B8_15R 2 RA1206_(4X0603)_4B8_10k 1 RA1206_(4X0603)_4B8_10bK 1 RA1206_(4X0603)_4B8_100K 1 RJLBC-060TC1 1 SATA-PWA-07 10 SIDE_WTCM-TR(3X4) HOME, MENU, PWR_BUT, RECOVERY, RESET, SEARCH, VOL+, NI SMBJ26A 3 SY6280AAC(SOT23-5) 2 SY8089AAAC(SOT23-5)	CON2DW02S L-USL0805_5MIL_DWS))) H27UBG8T2A CON2HN1X2 JP1E KLMAG2GEND-B031(FBGA153) MTFC4GACAANA-4MIT R_MATRIX_4E_25X625 R_MATRIX_4E R_MATRIX_4E RCLAMP0524PTEST W25Q16BVSSIG(SO-8) SJSJ_SMALLER AUDIO_JACK_5PINPJ-W47S-05D2-LF_V2 SD_CARD_PSD006A-LT2-BA0 PWR-JAKPWR_JACK_UNI_MILLING_SMALLER_DRILLS HC49/S_E4SB25.000F20E15 HC49/S_E4SB25.000F20E15 MC-306_MC-306-TEST R_MATRIX_4E R_MATRIX_4F R_MATRIX_4C R_M	5V_PWR L1, L2, L8, L10 U8 BKUP MIC2 U26 U24 RM4, RM5 RM2 RM3, RM6 U17, U22, U23 U25 5V_E, 5V_E_SATA, WP_ENABLE HEADPHONES, SD/MMC2 PWR Q3 Q1 Q2 RM1 RM9, RM10 RM25 RM7 RM8, RM11 LAN SATA ENTER, ESC, D5 U9, U10, U11 U13, U15
C238, C250, C252, C254 2 NA(330R/1%) 1 NA(DW02S) 4 NA(FB0805/600R/2A) 1 NA(H27UBG8T2BTR_or_MT29F64G08CBABAWP:BTR(8GB_NANU) 1 NA(HN1x2) 1 NA(HN1x2) 1 NA(MTFC4GACAANA-4M_IT(TBGA153)) 1 NA(MTFC4GACAANA-4M_IT(TBGA100)) 2 NA(RA0805_(4X0402)_22R) 1 NA(RA1206_(4X0603)_4B8_0R) 2 NA(RA1206_(4X0603)_4B8_10k) 3 NA(RCLAMP0524P) 1 NA(W25Q128FVSIG(SOIC-8_Wide)/(EN25Q64-104HIP)) 4 Open VPS+, VPS- 1 Opened 2 PJ-W47S-05D2-LF_V2 MIC_IN 1 PSD006A-LT2-BA0 1 PWRJ-2mm(YDJ-1136) 1 Q24MHz/20pF/20ppm/2P/5.0x3.2mm 1 Q25MHz/20pF/20ppm/2P/5.0x3.2mm 1 Q25MHz/20pF/20ppm/2P/5.0x3.2mm 1 Q32.768kHz/12.5pF/20ppm/4P/SMD8038 1 RA1206_(4X0603)_4B8_0R 2 RA1206_(4X0603)_4B8_10k 1 RA1206_(4X0603)_4B8_10k 1 RA1206_(4X0603)_4B8_10k 1 RA1206_(4X0603)_4B8_10k 1 RA1206_(4X0603)_4B8_10k 1 RA1206_(4X0603)_4B8_100K 1 RJLBC-060TC1 1 SATA-PWA-07 10 SIDE_WTCM-TR(3X4) HOME, MENU, PWR_BUT, RECOVERY, RESET, SEARCH, VOL+, N SMBJ26A 3 SY6280AAC(SOT23-5) 2 SY8089AAAC(SOT23-5) 2 TESTPAD3	CON2DW02S L-USL0805_5MIL_DWS))) H27UBG8T2A CON2HN1X2 JP1E KLMAG2GEND-B031(FBGA153) MTFC4GACAANA-4MIT R_MATRIX_4E_25X625 R_MATRIX_4E R_CLAMP0524PTEST W25Q16BVSSIG(SO-8) SJSJ_SMALLER SJSJ_SMALLER AUDIO_JACK_5PINPJ-W47S-05D2-LF_V2 SD_CARD_PSD006A-LT2-BA0 PWR-JAKPWR_JACK_UNI_MILLING_SMALLER_DRILLS HC49/S_E4SB25.000F20E15 HC49/S_E4SB25.000F20E15 MC-306_MC-306-TEST R_MATRIX_4E R_MATRIX_4C SMBJ16A SY6280 SY8008 TESTPAD3	5V_PWR L1, L2, L8, L10 U8 BKUP MIC2 U26 U24 RM4, RM5 RM2 RM3, RM6 U17, U22, U23 U25 5V_E, 5V_E_SATA, WP_ENABLE HEADPHONES, SD/MMC2 PWR Q3 Q1 Q2 RM1 RM9, RM10 RM25 RM7 RM8, RM11 LAN SATA ENTER, ESC, D5 U9, U10, U11 U13, U15 5V_EXT, GND_PIN
C238, C250, C252, C254 2 NA(330R/1%) 1 NA(DW02S) 4 NA(FB0805/600R/2A) 1 NA(H27UBG8T2BTR_or_MT29F64G08CBABAWP:BTR(8GB_NANII) 1 NA(HN1x2) 1 NA(HN1x2) 1 NA(KLMAG2GEND-B031(FBGA153)) 1 NA(MTFC4GACAANA-4M_IT(TBGA100)) 2 NA(RA0805_(4X0402)_22R) 1 NA(RA1206_(4X0603)_4B8_0R) 2 NA(RA1206_(4X0603)_4B8_10k) 3 NA(RCLAMP0524P) 1 NA(W25Q128FVSIG(SOIC-8_Wide)/(EN25Q64-104HIP)) 4 Open VPS+, VPS- 1 Opened 2 PJ-W47S-05D2-LF_V2 MIC_IN 1 PSD006A-LT2-BA0 1 PWRJ-2mm(YDJ-1136) 1 Q24MHz/20pF/20ppm/2P/5.0x3.2mm 1 Q25MHz/20pF/20ppm/2P/5.0x3.2mm 1 Q32.768kHz/12.5pF/20ppm/4P/SMD8038 1 RA1206_(4X0603)_4B8_0R 2 RA1206_(4X0603)_4B8_1.5k 1 RA1206_(4X0603)_4B8_1.5k 2 RA1206_(4X0603)_4B8_1.5k 3 RA1206_(4X0603)_4B8_1.5k 4 RA1206_(4X0603)_4B8_1.5k 5	CON2DW02S L-USL0805_5MIL_DWS D)) H27UBG8T2A CON2HN1X2 JP1E KLMAG2GEND-B031(FBGA153) MTFC4GACAANA-4MIT R_MATRIX_4E_25X625 R_MATRIX_4E R_CLAMP0524PTEST W25Q16BVSSIG(SO-8) SJSJ_SMALLER AUDIO_JACK_5PINPJ-W47S-05D2-LF_V2 SD_CARD_PSD006A-LT2-BA0 PWR-JAKPWR_JACK_UNI_MILLING_SMALLER_DRILLS HC49/S_E4SB25.000F20E15 HC49/S_E4SB25.000F20E15 MC-306_MC-306-TEST R_MATRIX_4E R_MATRIX_4C SMBJ16A SY6280 SY8008 TESTPAD3 TESTPAD40/70	5V_PWR L1, L2, L8, L10 U8 BKUP MIC2 U26 U24 RM4, RM5 RM2 RM3, RM6 U17, U22, U23 U25 5V_E, 5V_E_SATA, WP_ENABLE HEADPHONES, SD/MMC2 PWR Q3 Q1 Q2 RM1 RM9, RM10 RM25 RM7 RM8, RM11 LAN SATA ENTER, ESC, D5 U9, U10, U11 U13, U15 5V_EXT, GND_PIN GND_EXT
C238, C250, C252, C254 2 NA(330R/1%) 1 NA(DW02S) 4 NA(FB0805/600R/2A) 1 NA(H27UBG8T2BTR_Or_MT29F64G08CBABAWP:BTR(8GB_NANII) 1 NA(HN1x2) 1 NA(HN1x2) 1 NA(MT5C4GACAANA-4M_IT(TBGA100)) 2 NA(RA0805_(4X0402)_22R) 1 NA(RA1206_(4X0603)_4B8_0R) 2 NA(RA1206_(4X0603)_4B8_10k) 3 NA(RCLAMP0524P) 1 NA(W25Q128FVSIG(SOIC-8_Wide)/(EN25Q64-104HIP)) 4 Open VPS+, VPS- 1 Opened 2 PJ-W47S-05D2-LF_V2 MIC_IN 1 PSD006A-LT2-BA0 1 PWRJ-2mm(YDJ-1136) 1 Q24MHz/20pF/20ppm/2P/5.0x3.2mm 1 Q25MHz/20pF/20ppm/2P/5.0x3.2mm 1 Q32.768kHz/12.5pF/20ppm/4P/SMD8038 1 RA1206_(4X0603)_4B8_0R 2 RA1206_(4X0603)_4B8_1.5k 1 RA1206_(4X0603)_4B8_1.5k 2 RA1206_(4X0603)_4B8_1.5k 3 RA1206_(4X0603)_4B8_1.5k 4 RA1206_(4X0603)_4B8_1.5k 5 RA1206_(4X0603)_4B8_1.5k 6 RA1206_(4X0603)_4B8_1.5k 7 RA1	CON2DW02S L-USL0805_5MIL_DWS 1)) H27UBG8T2A CON2HN1X2 JP1E KLMAG2GEND-B031(FBGA153) MTFC4GACAANA-4MIT R_MATRIX_4E_25X625 R_MATRIX_4E R_CLAMP0524PTEST W25Q16BVSSIG(SO-8) SJSJ_SMALLER AUDIO_JACK_5PINPJ-W47S-05D2-LF_V2 SD_CARD_PSD006A-LT2-BA0 PWR-JAKPWR_JACK_UNI_MILLING_SMALLER_DRILLS HC49/S_E4SB25.000F20E15 MC-306_MC-306-TEST R_MATRIX_4E R_MATRIX_4C SMBJ16A SY6280 SY8008 TESTPAD3 TESTPAD40/70 TESTPADTESTPAD_40-ROUND	5V_PWR L1, L2, L8, L10 U8 BKUP MIC2 U26 U24 RM4, RM5 RM2 RM3, RM6 U17, U22, U23 U25 5V_E, 5V_E_SATA, WP_ENABLE HEADPHONES, SD/MMC2 PWR Q3 Q1 Q2 RM1 RM9, RM10 RM25 RM7 RM8, RM11 LAN SATA ENTER, ESC, D5 U9, U10, U11 U13, U15 5V_EXT, GND_PIN
C238, C250, C252, C254 2 NA(330R/1%) 1 NA(DW02S) 4 NA(FB0805/600R/2A) 1 NA(HP0805/600R/2A) 1 NA(H27UBG8T2BTR_OT_MT29F64G08CBABAWP:BTR(8GB_NANE 1 NA(HN1x2) 1 NA(KLMAG2GEND-B031(FBGA153)) 1 NA(MTFC4GACAANA-4M_IT(TBGA100)) 2 NA(RA0805_(4X0402)_22R) 1 NA(RA1206_(4X0603)_4B8_0R) 2 NA(RA1206_(4X0603)_4B8_10k) 3 NA(RCLAMP0524P) 1 NA(W25Q128FVSIG(SOIC-8_Wide)/(EN25Q64-104HIP)) 4 Open VPS+, VPS- 1 Opened 2 PJ-W47S-05D2-LF_V2 MIC_IN 1 PSD006A-LT2-BA0 1 PWRJ-2mm(YDJ-1136) 1 Q24MHz/20pF/20ppm/2P/5.0x3.2mm 1 Q25MHz/20pF/20ppm/2P/5.0x3.2mm 1 Q25MHz/20pF/20ppm/2P/5.0x3.2mm 1 Q25MHz/20pF/20ppm/4P/SMD8038 1 RA1206_(4X0603)_4B8_0R 2 RA1206_(4X0603)_4B8_10k 1 RJLBC-060TC1 1 SATA-PWA-07 10 SIDE_WTCM-TR(3X4) HOME, MENU, PWR_BUT, RECOVERY, RESET, SEARCH, VOL+, N 1 SMBJ26A 3 SY6280AAC(SOT23-5) 2 YS0899AAAC(SOT23-5) 2 TESTPAD3 1 TESTPAD40/70 11 TESTPADTESTPAD_40-ROUND 1.2V_INT, 1.5V, 2.5V, 3.0VA, 3.3V, BAT, DS, GND, IPSO	CON2DW02S L-USL0805_5MIL_DWS 1)) H27UBG8T2A CON2HN1X2 JP1E KLMAG2GEND-B031(FBGA153) MTFC4GACAANA-4MIT R_MATRIX_4E_25X625 R_MATRIX_4E R_CLAMP0524PTEST W25Q16BVSSIG(SO-8) SJSJ_SMALLER AUDIO_JACK_5PINPJ-W47S-05D2-LF_V2 SD_CARD_PSD006A-LT2-BA0 PWR-JAKPWR_JACK_UNI_MILLING_SMALLER_DRILLS HC49/S_E4SB25.000F20E15 MC-306_MC-306-TEST R_MATRIX_4E R_	5V_PWR L1, L2, L8, L10 U8 BKUP MIC2 U26 U24 RM4, RM5 RM2 RM3, RM6 U17, U22, U23 U25 5V_E, 5V_E_SATA, WP_ENABLE HEADPHONES, SD/MMC2 PWR Q3 Q1 Q2 RM1 RM9, RM10 RM25 RM7 RM8, RM11 LAN SATA ENTER, ESC, D5 U9, U10, U11 U13, U15 5V_EXT, GND_PIN GND_EXT +5V, 1.2V_CPU,
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C238, C250, C252, C254 2 NA(330R/1%) 1 NA(DW02S) 4 NA(FB0805/600R/2A) 1 NA(HP0805/600R/2A) 1 NA(H27UBG8T2BTR_OT_MT29F64G08CBABAWP:BTR(8GB_NANE 1 NA(HN1x2) 1 NA(KLMAG2GEND-B031(FBGA153)) 1 NA(MTFC4GACAANA-4M_IT(TBGA100)) 2 NA(RA0805_(4X0402)_22R) 1 NA(RA1206_(4X0603)_4B8_0R) 2 NA(RA1206_(4X0603)_4B8_10k) 3 NA(RCLAMP0524P) 1 NA(W25Q128FVSIG(SOIC-8_Wide)/(EN25Q64-104HIP)) 4 Open VPS+, VPS- 1 Opened 2 PJ-W47S-05D2-LF_V2 MIC_IN 1 PSD006A-LT2-BA0 1 PWRJ-2mm(YDJ-1136) 1 Q24MHz/20pF/20ppm/2P/5.0x3.2mm 1 Q25MHz/20pF/20ppm/2P/5.0x3.2mm 1 Q25MHz/20pF/20ppm/2P/5.0x3.2mm 1 Q25MHz/20pF/20ppm/4P/SMD8038 1 RA1206_(4X0603)_4B8_0R 2 RA1206_(4X0603)_4B8_10k 1 RJLBC-060TC1 1 SATA-PWA-07 10 SIDE_WTCM-TR(3X4) HOME, MENU, PWR_BUT, RECOVERY, RESET, SEARCH, VOL+, N 1 SMBJ26A 3 SY6280AAC(SOT23-5) 2 YS0899AAAC(SOT23-5) 2 TESTPAD3 1 TESTPAD40/70 11 TESTPADTESTPAD_40-ROUND 1.2V_INT, 1.5V, 2.5V, 3.0VA, 3.3V, BAT, DS, GND, IPSO	CON2DW02S L-USL0805_5MIL_DWS 1)) H27UBG8T2A CON2HN1X2 JP1E KLMAG2GEND-B031(FBGA153) MTFC4GACAANA-4MIT R_MATRIX_4E_25X625 R_MATRIX_4E R_CLAMP0524PTEST W25Q16BVSSIG(SO-8) SJSJ_SMALLER AUDIO_JACK_5PINPJ-W47S-05D2-LF_V2 SD_CARD_PSD006A-LT2-BA0 PWR-JAKPWR_JACK_UNI_MILLING_SMALLER_DRILLS HC49/S_E4SB25.000F20E15 MC-306_MC-306-TEST R_MATRIX_4E R_	5V_PWR L1, L2, L8, L10 U8 BKUP MIC2 U26 U24 RM4, RM5 RM2 RM3, RM6 U17, U22, U23 U25 5V_E, 5V_E_SATA, WP_ENABLE HEADPHONES, SD/MMC2 PWR Q3 Q1 Q2 RM1 RM9, RM10 RM25 RM7 RM8, RM11 LAN SATA ENTER, ESC, D5 U9, U10, U11 U13, U15 5V_EXT, GND_PIN GND_EXT +5V, 1.2V_CPU,