SOM204-EVB_Rev_C_BOM

2	0603(Board_Mounted)	Device R 0R0R(NA)	Parts R42, R52, R99
2	` _ /	IN DISUR(INA)	
23 100R/R066 1 120R/R12 2 390R/R066 2 1.05k/1%/ 2 3.9k/R060 2 1.05k/1%/ 2 3.9k/1%/F 3 6.81k/1%/ 2 0 10k/R0603 4 20k/1%/R1 1 27k/R0603 1 3100k/R0603 3 RA1206_(1 0.8pF/C02 1 1.5pF/50V/1 1220pF/50V/2 10pF/50V/2 1		R0402	R14, R139
23 100R/R066 1 120R/R12 2 390R/R066 2 1.05k/1%/ 3 2.2k/R060 1 3.32k/1%/ 2 3.9k/1%/F 3 6.81k/1%/ 20 10k/R0603 4 20k/1%/R0603 1 51k/1%/R0603 1 68k/R0603 1 75k/1%/R0603 1 100k/R0603 1 RA1206_(1 0.8pF/C02 1 1.5pF/50V/1 10pF/50V/2 10pF/50V/2 10pF/50V/2 20pF/50V/2 20pF/50V/2 20pF/50V/2 10pF/50V/2 10pF/		R-EU R1206 5MIL	R14, R139 R100
1 120R/R12 2 390R/R06 2 1.05k/1%/ 2 3.90R/R06 2 1.05k/1%/ 2 3.9k/1%/R 3 6.81k/1%/ 2 3.9k/1%/R 3 6.81k/1%/ 1 27k/R060: 4 20k/1%/R 1 27k/R060: 1 51k/1%/R 1 68k/R060: 1 3 RA1206_(3 RA1206_(1 0.8pF/CO2 1 1.5pF/50V, 1 10pF/50V, 2 20pF/50V, 2 1nF/2kV/X 4 10nF/50V, 2 22uF/25V, 3 3 47uF/6.3V, 2 22uH/4.5, 2 7.8x7.0x5, 1 3.3nH/120, 1 (YSRH8D-1) 1 3 FB0805/6/3 3 1N5819S-2 1 NSB26.0A 1 LED/Red//	/R1206	R-EU_R1206_5WIL	R22, R23, R24, R25, R32, R33, R35, R36,
1 120R/R12 2 390R/R06 2 1.05k/1%/ 2 3.90R/R06 2 1.05k/1%/ 2 3.9k/1%/R 3 6.81k/1%/ 2 3.9k/1%/R 3 6.81k/1%/ 1 27k/R060: 4 20k/1%/R 1 27k/R060: 1 51k/1%/R 1 68k/R060: 1 3 RA1206_(3 RA1206_(1 0.8pF/CO2 1 1.5pF/50V, 1 10pF/50V, 2 20pF/50V, 2 1nF/2kV/X 4 10nF/50V, 2 22uF/25V, 3 3 47uF/6.3V, 2 22uH/4.5, 2 7.8x7.0x5, 1 3.3nH/120, 1 (YSRH8D-1) 1 3 FB0805/6/3 3 1N5819S-2 1 NSB26.0A 1 LED/Red//			R38, R44, R58, R64, R67, R68, R76, R87,
1 120R/R12 2 390R/R06 2 1.05k/1%/ 2 3.90R/R06 2 1.05k/1%/ 2 3.9k/1%/R 3 6.81k/1%/ 2 3.9k/1%/R 3 6.81k/1%/ 1 27k/R060: 4 20k/1%/R 1 27k/R060: 1 51k/1%/R 1 68k/R060: 1 3 RA1206_(3 RA1206_(1 0.8pF/CO2 1 1.5pF/50V, 1 10pF/50V, 2 20pF/50V, 2 1nF/2kV/X 4 10nF/50V, 2 22uF/25V, 3 3 47uF/6.3V, 2 22uH/4.5, 2 7.8x7.0x5, 1 3.3nH/120, 1 (YSRH8D-1) 1 3 FB0805/6/3 3 1N5819S-2 1 NSB26.0A 1 LED/Red//	2/R0603	R-EU R0603 5MIL DWS	R96, R97, R107, R112, R117, R11, R2
2 390R/R06 2 1.05k/1%/ 2 1.05k/1%/ 2 3.9k/1%/R 3 6.81k/1%/ 2 3.9k/1%/R 3 6.81k/1%/R 1 27k/R0603 4 20k/1%/R 1 27k/R0603 1 51k/1%/R 1 68k/R0603 1 3 100k/R066 3 RA1206_(1 0.8pF/CO2 1 1.5pF/50V/R 1 10pF/50V/R 2 10pF/50V/R 2 10pF/50V/R 2 10pF/50V/R 3 RA1206_(1 1.5pF/50V/R 1 10pF/50V/R 1 10pF/5		R-EU R1206 5MIL WS	R12
2 1.05k/1%/ 13 2.2k/R060 1 3.32k/1%/ 2 3.9k/1%/R 3 6.81k/1%/ 20 10k/R060 4 20k/1%/R 1 27k/R060 1 51k/1%/R 1 68k/R060 1 3 100k/R060 3 RA1206_(3 RA1206_(1 0.8pF/CO2 1 1.5pF/50V 1 10pF/50V/ 2 20pF/50V 2 21nF/2kV/X 4 10nF/50V/ 2 22uF/25V/ 3 3 47uF/6.3V 2 22uF/25V/ 4 10nF/50V/ 1 10uH/4.0A 2 7.8x7.0x5 1 3.3nH/120 1 (YSRH8D- 1 3 FB0805/6/ 3 1N5819S2/S 1 SMBJ6.0A 1 LED/Gree 1 L		R-EU R0603 5MIL DWS	R88, R89
13 2.2k/R060 1 3.32k/1%/ 2 3.9k/1%/R 3 6.81k/1%/ 3 6.81k/1%/R 1 27k/R060 1 27k/R060 1 51k/1%/R 1 68k/R060 1 3 100k/R060 3 RA1206_(3 RA1206_(1 0.8pF/C04 1 1.5pF/50V 1 10pF/50V/R 1 220pF/50V 2 1nF/2kV/X 4 10nF/50V/R 2 22uF/25V/R 3 47uF/6.3V 2 22uF/25V/R 3 1N581954 1 3.3nH/120 1 (YSRH8D-R) 1 1 10uH/4.0A 1 (YSRH8D-R) 1 1 10uH/4.0A 1 (YSRH8D-R) 1 1 10uH/4.0A 1 (YSRH8D-R) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		R-EU R0603 5MIL DWS	R56, R63
1 3.32k/1%/ 2 3.9k/1%/F 3 6.81k/1%/ 3 6.81k/1%/ 4 20k/1%/R0603 4 20k/1%/R1 1 27k/R0603 1 51k/1%/R 1 68k/R0603 3 RA1206_(1 0.8pF/C04 1 1.5pF/50V/R 1 220pF/50V/R 2 1nF/2kV/X 4 10nF/50V/R 2 100nF/50V/R 2 22uF/25V/R 3 47uF/6.3V/R 2 22uF/25V/R 3 47uF/6.3V/R 2 10uH/4.0A/R 2 7.8x7.0x5, 1 3.3nH/120/R 1 (YSRH8D) 1 FB0805/6/R 3 1N5819S2/S 1 SMBJ6.0A/R 1 LED/Gree	0190/R0003	R-EO_R0003_SWIIL_DW3	R4, R5, R16, R17, R19, R20, R98,
1 3.32k/1%/ 2 3.9k/1%/F 3 6.81k/1%/ 3 6.81k/1%/ 4 20k/1%/R0603 4 20k/1%/R1 1 27k/R0603 1 51k/1%/R 1 68k/R0603 3 RA1206_(1 0.8pF/C04 1 1.5pF/50V/R 1 220pF/50V/R 2 1nF/2kV/X 4 10nF/50V/R 2 100nF/50V/R 2 22uF/25V/R 3 47uF/6.3V/R 2 22uF/25V/R 3 47uF/6.3V/R 2 10uH/4.0A/R 2 7.8x7.0x5, 1 3.3nH/120/R 1 (YSRH8D) 1 FB0805/6/R 3 1N5819S2/S 1 SMBJ6.0A/R 1 LED/Gree	R0603	R-EU R0603 5MIL DWS	R105, R106, R119, R120, R124, R128
2 3.9k/1%/F 3 6.81k/1%/F 3 6.81k/1%/F 3 6.81k/1%/F 3 6.81k/1%/F 4 20k/1%/R0603 4 20k/1%/R0603 1 51k/1%/R 1 68k/R0603 1 100k/R0603 3 RA1206_(1 0.8pF/C04 1 1.5pF/50V/I 1 220pF/50V/I 1 220pF/50V/I 2 10pF/50V/I 2 20pF/50V/I 2 20pF/50V/I 3 10pF/50V/I 3 10pF/50V/I 4 10nF/50V/I 5 100nF/50V/I 1 220pF/50V/I 1 220pF/50V/I 1 220pF/50V/I 1 10pF/50V/I I		R-EU R0603 5MIL DWS	R57
3 6.81k/1%/ 20 10k/R0603 4 20k/1%/R0603 1 51k/1%/R0603 1 51k/1%/R0603 3 RA1206_(1 0.8pF/C04 1 1.5pF/50V/1 220pF/50V/2 10pF/50V/2 1nF/2kV/X 4 10nF/50V/2 21nF/2kV/X 4 10nF/50V/2 22uF/25V/X 4 10nF/50V/X 1 3.3nH/120 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		R0603	R125, R134
20		R-EU R0603 5MIL DWS	R102, R122 , R137
4 20k/1%/Ri 1 27k/R0603 1 51k/1%/Ri 1 68k/R0603 3 RA1206_(3 RA1206_(1 0.8pF/C04 1 1.5pF/50V/1 1 220pF/50V/2 2 1nF/2kV/X 4 10nF/50V/X 4 10nF/50V/X 4 10nF/50V/X 2 22uF/25V/X 4 10nF/50V/X 3 3 47uF/6.3V 2 .2uH/4.5, 2 7.8x7.0x5, 1 3.3nH/120, 1 (YSRH8D, 1 SMBJ6.0A, 1 KED/Gree 1 LED/Gree 1	V170/10003	IN-EO_NOOO3_SIVIE_DWS	· · · ·
4 20k/1%/Ri 1 27k/R0603 1 51k/1%/Ri 1 68k/R0603 3 RA1206_(3 RA1206_(1 0.8pF/C04 1 1.5pF/50V/1 1 220pF/50V/2 2 1nF/2kV/X 4 10nF/50V/X 4 10nF/50V/X 4 10nF/50V/X 2 22uF/25V/X 4 10nF/50V/X 3 3 47uF/6.3V 2 .2uH/4.5, 2 7.8x7.0x5, 1 3.3nH/120, 1 (YSRH8D, 1 SMBJ6.0A, 1 KED/Gree 1 LED/Gree 1			R1, R8, R18, R54, R80, R82, R84, R86, R90,
4 20k/1%/Ri 1 27k/R0603 1 51k/1%/Ri 1 68k/R0603 3 RA1206_(3 RA1206_(1 0.8pF/C04 1 1.5pF/50V/1 1 220pF/50V/2 2 1nF/2kV/X 4 10nF/50V/X 4 10nF/50V/X 4 10nF/50V/X 2 22uF/25V/X 4 10nF/50V/X 3 3 47uF/6.3V 2 .2uH/4.5, 2 7.8x7.0x5, 1 3.3nH/120, 1 (YSRH8D, 1 SMBJ6.0A, 1 KED/Gree 1 LED/Gree 1	20602	D ELL DOGOS EMIL DWG	R93, R94, R108, R109, R111, R114, R115,
1 27k/R060: 1 51k/1%/R 1 68k/R060: 3 RA1206_(3 RA1206_(1 0.8pF/C04 1 1.5pF/50V/ 1 10pF/50V/ 2 1nF/2kV/X 4 10nF/50V/ 2 22uF/25V/ 33 47uF/6.3V 2.2uH/4.5/ 2 7.8x7.0x5. 1 3.3nH/120 1 (YSRH8D/ 1 SMBJ6.0/ 1 LED/Red//		R-EU_R0603_5MIL_DWS	R118, R129, R132, R133
1 51k/1%/R 1 68k/R0603 1 100k/R0603 3 RA1206_(1 0.8pF/C04 1 1.5pF/50V/1 1 10pF/50V/2 2 1nF/2kV/X 4 10nF/50V/2 2 1nF/2kV/X 4 10nF/50V/2 2 22uF/25V/2 33 47uF/6.3V 2 22uF/25V/2 33 47uF/6.3V 2 10uH/4.0A 1 (YSRH8D/2 1 3.3nH/120/2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		R-EU_R0603_5MIL_DWS	R21, R48, R101, R121
1 68k/R0603 13 100k/R0603 3 RA1206_(3 RA1206_(1 0.8pF/C02 1 1.5pF/50V/1 1 220pF/50V/2 2 1nF/2kV/X 4 10nF/50V/2 2 1nF/2kV/X 4 10nF/50V/2 2 22uF/25V/2 33 47uF/6.3V 2.2uH/4.5, 2 7.8x7.0x5, 1 3.3nH/120 1 (YSRH8D-1) 1 FB0805/60 3 1N5819S-2/5 5 1N5822/S 1 SMBJ6.0/4 1 LED/Gree 1 LED/IR33: 1 LED/Sed/I 1 RPM7236 1 DTC114Y 1 BC817-40 8 BSS138(S 3 IRLML640 1 AP1231-1 1 AP1231-2 1 FSMD035 1 MCP2562 1 MP1584E 2 MT3608(S RTL8723E 1 (RL-SM02		R-EU_R0603_5MIL_DWS	R10
13 100k/R066 3 RA1206_(3 RA1206_(1 0.8pF/C02 1 1.5pF/50V 1 10pF/50V/ 1 220pF/50V 2 1nF/2kV/X 4 10nF/50V/ 2 22uF/25V/ 33 47uF/6.3V 2.2uH/4.5, 2 7.8x7.0x5, 1 3.3nH/120 1 10uH/4.0A 1 (YSRH8D- 1 SMBJ6.0A 1 LED/Gree 1 LED/IR33; 1 RPM7236 1 DTC114Y 1 BC817-40 8 BSS138(S 3 IRLML640 1 AP1231-1 1 AP1231-2 1 FSMD035 1 MCP120T 1 MCP2562 1 MP1584E 2 MT3608(S RTL8723E 1 (RL-SM02		R-EU_R0603_5MIL_DWS	R131
3 RA1206_(3 RA1206_(1 0.8pF/CO2 1 1.5pF/50V(1 10pF/50V(1 220pF/50V(2 1nF/2kV/X 4 10nF/50V(2 22uF/25V(33 47uF/6.3V(2 10uH/4.0A(1 3.3nH/120(1 10uH/4.0A(1 3.3nH/120(1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	₹ 0603	R-EU_R0603_5MIL_DWS	R62
3 RA1206_(3 RA1206_(1 0.8pF/CO2 1 1.5pF/50V(1 10pF/50V(1 220pF/50V(2 1nF/2kV/X 4 10nF/50V(2 22uF/25V(33 47uF/6.3V(2 10uH/4.0A(1 3.3nH/120(1 10uH/4.0A(1 3.3nH/120(1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			R6, R55, R61, R95, R103, R104, R116, R123,
3 RA1206_(1 0.8pF/C02 1 1.5pF/50V/ 1 10pF/50V/ 1 220pF/50V/ 2 1nF/2kV/X 4 10nF/50V/ 2 10nF/50V/ 2 22uF/25V/ 33 47uF/6.3V 2.2uH/4.5, 2 7.8x7.0x5. 1 3.3nH/120 10uH/4.0A (YSRH8D- 13 FB0805/6/ 3 1N5819S- 5 1N5822/S 1 SMBJ6.0A 1 LED/Gree 1 LED/IR33: 1 LED/Gree 1 LED/IR33: 1 LED/Gree 1 LED/IR33: 1 LED/Gree 1 LED/IR33: 1 LED/Sed/I 1 RPM7236 1 DTC114Y 1 BC817-40 8 BSS138(S 3 IRLML640 1 AP1231-1 1 AP1231-2 1 FSMD035 1 MCP120T 1 MCP2562 1 MP1584E 2 MT3608(S RTL8723E 1 (RL-SM02		R-EU_R0603_5MIL_DWS	R126, R130, R135, R136, R138
1 0.8pF/C02 1 1.5pF/50V 1 10pF/50V 1 10pF/50V 2 1nF/2kV/X 4 10nF/50V 2 22uF/25V 33 47uF/6.3V 2.2uH/4.5 2 7.8x7.0x5 1 3.3nH/120 1 0uH/4.0A 1 (YSRH8D 13 FB0805/60 3 1N5819SA 5 1N5822/S 1 SMBJ6.0A 1 LED/Gree 1 LED/IR33: 1 LED/Gree 1 LED/IR33: 1 LED/Yellor 1 RPM7236 1 DTC114Y 1 BC817-40 8 BSS138(S 3 IRLML640 1 AP1231-1 1 AP1231-2 1 FSMD035 1 MCP120T 1 MCP2562 1 MP1584E 2 MT3608(S RTL8723E 1 RLR723E	206_(4X0603)_4B8_22R	R_MATRIX_4E	RM3, RM4, RM5
1 1.5pF/50V 1 10pF/50V 1 220pF/50V 2 1nF/2kV/X 4 10nF/50V 4 10nF/50V 2 22uF/25V 33 47uF/6.3V 2 22uF/25V 33 47uF/6.3V 2 .2uH/4.5 2 7.8x7.0x5 1 3.3nH/120 1 10uH/4.0A 1 (YSRH8D 3 1N5819SA 5 1N5822/S 1 SMBJ6.0A 1 LED/Gree 1 LED/IR33: 1 LED/Red/I 1 LED/Yellor 1 RPM7236 1 DTC114Y 1 BC817-40 8 BSS138(S 3 IRLML640 1 AP1231-1 1 AP1231-2 1 FSMD035 1 MCP120T 1 MCP2562 1 MP1584E 2 MT3608(S RTL8723E 1 RTL8723E 1 RTL8723E 1 RTL8723E 1 RTL8723E 1 RTL8723E 1 RTL8723E	206_(4x0603)_4B8_100k	R_MATRIX_4E	RM1, RM2, RM6
1 10pF/50V/1 220pF/50V/2 1nF/2kV/X 4 10nF/50V/4 10nF/50V/4 10nF/50V/2 22uF/25V/4 22uF/25V/4 22uF/25V/4 22uF/25V/4 21uF/26uF/26uF/26uF/26uF/26uF/26uF/26uF/26	F/C0402	C-EUC0402_TI	C69
1 10pF/50V/1 220pF/50V/2 1nF/2kV/X 4 10nF/50V/4 10nF/50V/4 10nF/50V/2 22uF/25V/4 22uF/25V/4 22uF/25V/4 22uF/25V/4 21uF/26uF/26uF/26uF/26uF/26uF/26uF/26uF/26	F/50V/NP0/C0603	C-EUC0603_DWS	C70
1 220pF/50V 2 1nF/2kV/X 4 10nF/50V/X 4 10nF/50V/X 4 10nF/50V/X 2 22uF/25V/X 33 47uF/6.3V 2.2uH/4.5, 2 7.8x7.0x5. 1 3.3nH/120 1 10uH/4.0/A 1 (YSRH8D-A 1 SMBJ6.0/A 1 LED/Gree 1 LED/IR33: 1 LED/Red/X 1 LED/Red/X 1 LED/Yellov 1 RPM7236 1 DTC114Y 1 BC817-40 8 BSS138(S 3 IRLML640 1 AP1231-1 1 AP1231-2 1 FSMD035 1 MCP120T 1 MCP2562 1 MP1584E 2 MT3608(S RTL8723E 1 (RL-SM02	F/50V/5%/COG/C0603	C-EUC0603_DWS	C59
2 1nF/2kV/X 4 10nF/50V/A 4 10nF/50V/A 2 100nF/50V/A 2 22uF/25V/A 33 47uF/6.3V/A 2 .2uH/4.5/A 2 7.8x7.0x5.1 1 3.3nH/120/A 1 (YSRH8DA 5 1N5819SA 5 1N5822/S 1 SMBJ6.0A 1 LED/Gree 1 LED/IR33:1 1 LED/Red/A 1 LED/Yellov 1 RPM7236 1 DTC114Y/A 1 BC817-40 8 BSS138(SA 3 IRLML640 1 AP1231-1 1 AP1231-2 1 FSMD035 1 MCP120T 1 MCP2562 1 MP1584E 2 MT3608(SA RTL8723E 1 (RL-SM02	F/50V/5%/COG/C0603	C-EUC0603 DWS	C28
4 10nF/50V/ 25 100nF/50V/ 2 22uF/25V/ 33 47uF/6.3V/ 2.2uH/4.5/ 2 7.8x7.0x5. 1 3.3nH/120 10uH/4.0/ 1 (YSRH8D- 13 FB0805/60 3 1N5819S/ 5 1N5822/S 1 SMBJ6.0/ 1 LED/Gree 1 LED/IR33: 1 LED/Red// 1 LED/Yellor 1 RPM7236 1 DTC114Y/ 1 BC817-40 8 BSS138(S 3 IRLML640 1 AP1231-1 1 AP1231-2 1 FSMD035 1 MCP120T 1 MCP2562 1 MP1584E 2 MT3608(S RTL8723E 1 (RL-SM02	2kV/X7R/C1206	C-EUC1206 5MILS WS ISO	C24, C35
25 100nF/50\(2 \) 22uF/25V\(3 \) 47uF/6.3\(2 \) 2.2uH/4.5\(2 \) 7.8\(7 \) 8x7.0\(5 \) 10uH/4.0\(4 \) 13 FB0805/6\(3 \) 1N5819S\(5 \) 1N5822/S\(1 \) SMBJ6.0\(4 \) 1 LED/Gree\(1 \) LED/Gree\(1 \) LED/Red\(1 \) LED/Red\(1 \) AP1231-1\(1 \) AP1231-2\(1 \) AP1231-2\(1 \) MCP2562\(1 \) MP1584E\(2 \) MT3608(S\(3 \) RTL8723E\(RL-SM02\(1 \) RPM7236\(1 \) AP1231-2\(1 \) AP1231-2\(1 \) AP1231-2\(1 \) AP1584E\(2 \) MT3608(S\(3 \) RTL8723E\(1 \) RL8723E\(1 \) RCL-SM02	F/50V/10%/X7R/C0603	C-EUC0603 DWS	C1, C2, C7, C8
2 22uF/25V/ 33 47uF/6.3V 2.2uH/4.5, 2 7.8x7.0x5, 1 3.3nH/120 10uH/4.0A 1 (YSRH8D- 13 FB0805/60 3 1N5819S- 5 1N5822/S 1 LED/Gree 1 LED/IR33; 1 LED/Red// 1 LED/Yellor 1 RPM7236 1 DTC114Y 1 BC817-40 8 BSS138(S 3 IRLML640 1 AP1231-1 1 AP1231-2 1 FSMD035 1 MCP120T 1 MCP2562 1 MP1584E 2 MT3608(S RTL8723E 1 (RL-SM02	130 V/10 70/X/11/1C0003	C-L0C0003_DW3	
2 22uF/25V/ 33 47uF/6.3V 2.2uH/4.5, 2 7.8x7.0x5, 1 3.3nH/120 10uH/4.0A 1 (YSRH8D- 13 FB0805/60 3 1N5819S- 5 1N5822/S 1 LED/Gree 1 LED/IR33; 1 LED/Red// 1 LED/Yellor 1 RPM7236 1 DTC114Y 1 BC817-40 8 BSS138(S 3 IRLML640 1 AP1231-1 1 AP1231-2 1 FSMD035 1 MCP120T 1 MCP2562 1 MP1584E 2 MT3608(S RTL8723E 1 (RL-SM02			C9, C13, C14, C15, C16, C17, C19, C21, C22,
2 22uF/25V/ 33 47uF/6.3V 2.2uH/4.5, 2 7.8x7.0x5, 1 3.3nH/120 10uH/4.0A 1 (YSRH8D- 13 FB0805/60 3 1N5819S- 5 1N5822/S 1 LED/Gree 1 LED/IR33; 1 LED/Red// 1 LED/Yellor 1 RPM7236 1 DTC114Y 1 BC817-40 8 BSS138(S 3 IRLML640 1 AP1231-1 1 AP1231-2 1 FSMD035 1 MCP120T 1 MCP2562 1 MP1584E 2 MT3608(S RTL8723E 1 (RL-SM02	F/F0\//200/ \VE\//C0602	C FLICOGOS DWC	C23, C27, C31, C32, C36, C38, C41, C42,
33 47uF/6.3v 2.2uH/4.5, 2 7.8x7.0x5, 1 3.3nH/120 10uH/4.0A 1 (YSRH8D-1) 13 FB0805/60 3 1N5819S-2/S 1 SMBJ6.0A 1 LED/Gree 1 LED/IR33; 1 LED/Red/I 1 LED/Yellor 1 RPM7236 1 DTC114Y 1 BC817-40 8 BSS138(S 3 IRLML640 1 AP1231-1 1 AP1231-2 1 FSMD035 1 MCP120T 1 MCP2562 1 MP1584E 2 MT3608(S RTL8723E 1 (RL-SM02	F/50V/20%/Y5V/C0603	C-EUC0603_DWS	C43, C45, C48, C50, C51, C52, C54, C65
2.2uH/4.5, 2.7.8x7.0x5 1.3.3nH/120 10uH/4.0, 1 (YSRH8D) 13 FB0805/61 3 1N5819S, 5 1N5822/S 1 SMBJ6.0, 1 LED/Gree 1 LED/IR33; 1 LED/Red// 1 LED/Yellor 1 RPM7236 1 DTC114Y 1 BC817-40 8 BSS138(S 3 IRLML640 1 AP1231-1 1 AP1231-2 1 FSMD035 1 MCP120T 1 MCP2562 1 MP1584E 2 MT3608(S RTL8723E 1 (RL-SM02	//25V/X/R/C1206	C-EUC1206_5MIL_WS	C12, C20
2.2uH/4.5, 2.7.8x7.0x5 1.3.3nH/120 10uH/4.0, 1 (YSRH8D) 13 FB0805/61 3 1N5819S, 5 1N5822/S 1 SMBJ6.0, 1 LED/Gree 1 LED/IR33; 1 LED/Red// 1 LED/Yellor 1 RPM7236 1 DTC114Y 1 BC817-40 8 BSS138(S 3 IRLML640 1 AP1231-1 1 AP1231-2 1 FSMD035 1 MCP120T 1 MCP2562 1 MP1584E 2 MT3608(S RTL8723E 1 (RL-SM02			C3, C4, C5, C6, C18, C25, C29, C30, C37, C39,
2.2uH/4.5, 2.7.8x7.0x5 1.3.3nH/120 10uH/4.0, 1 (YSRH8D) 13 FB0805/61 3 1N5819S, 5 1N5822/S 1 SMBJ6.0, 1 LED/Gree 1 LED/IR33; 1 LED/Red// 1 LED/Yellor 1 RPM7236 1 DTC114Y 1 BC817-40 8 BSS138(S 3 IRLML640 1 AP1231-1 1 AP1231-2 1 FSMD035 1 MCP120T 1 MCP2562 1 MP1584E 2 MT3608(S RTL8723E 1 (RL-SM02			C40, C44, C46, C47, C49, C53, C55, C56, C57,
2.2uH/4.5, 2.7.8x7.0x5 1.3.3nH/120 10uH/4.0, 1 (YSRH8D) 13 FB0805/61 3 1N5819S, 5 1N5822/S 1 SMBJ6.0, 1 LED/Gree 1 LED/IR33; 1 LED/Red// 1 LED/Yellor 1 RPM7236 1 DTC114Y 1 BC817-40 8 BSS138(S 3 IRLML640 1 AP1231-1 1 AP1231-2 1 FSMD035 1 MCP120T 1 MCP2562 1 MP1584E 2 MT3608(S RTL8723E 1 (RL-SM02			C60, C61, C62, C63, C64, C66, C67, C68, C71,
2 7.8x7.0x5. 1 3.3nH/120 10uH/4.0A 1 (YSRH8D-1 13 FB0805/60 3 1N5819S-2 5 1N5822/S 1 SMBJ6.0A 1 LED/Gree 1 LED/IR33: 1 LED/Red/I 1 LED/Yellor 1 RPM7236 1 DTC114Y 1 BC817-40 8 BSS138(S 3 IRLML640 1 AP1231-1 1 AP1231-2 1 FSMD035 1 MCP120T 1 MCP2562 1 MP1584E 2 MT3608(S RTL8723E 1 (RL-SM02	F/6.3V/20%/X5R/C0805	C-EUC0805_5MIL_DWS	C72, C75, C76, C77, C78
1 3.3nH/120 10uH/4.0A 1 (YSRH8D) 13 FB0805/61 3 1N5819SA 5 1N5822/S 1 SMBJ6.0A 1 LED/Gree 1 LED/IR33: 1 LED/Red/I 1 LED/Yellor 1 RPM7236 1 DTC114Y 1 BC817-40 8 BSS138(S 3 IRLML640 1 AP1231-1 1 AP1231-2 1 FSMD035 1 MCP120T 1 MCP2562 1 MP1584E 2 MT3608(S RTL8723E 1 (RL-SM02	H/4.5A/28mR/20%/CD75/		
10uH/4.0A 1 (YSRH8D) 13 FB0805/61 3 1N5819SA 5 1N5822/S 1 SMBJ6.0A 1 LED/Gree 1 LED/IR33: 1 LED/Red/I 1 LED/Yellor 1 RPM7236 1 DTC114Y 1 BC817-40 8 BSS138(S 3 IRLML640 1 AP1231-1 1 AP1231-2 1 FSMD035 1 MCP120T 1 MCP2562 1 MP1584E 2 MT3608(S RTL8723E 1 (RL-SM02	7.0x5.0mm(YS75-2R2M)	L-CD73(75)	L1, L15
1 (YSRH8D- 13 FB0805/60 3 1N5819S- 5 1N5822/S 1 SMBJ6.0A 1 LED/Gree 1 LED/IR33: 1 LED/Red/I 1 LED/Yellor 1 RPM7236 1 DTC114Y 1 BC817-40 8 BSS138(S 3 IRLML640 1 AP1231-1 1 AP1231-2 1 FSMD035 1 MCP120T 1 MCP2562 1 MP1584E 2 MT3608(S RTL8723E 1 (RL-SM02	H/120R/400mA/L0603	L-USL0603_5MIL_DWS	L18
1 (YSRH8D- 13 FB0805/60 3 1N5819S- 5 1N5822/S 1 SMBJ6.0A 1 LED/Gree 1 LED/IR33: 1 LED/Red/I 1 LED/Yellor 1 RPM7236 1 DTC114Y 1 BC817-40 8 BSS138(S 3 IRLML640 1 AP1231-1 1 AP1231-2 1 FSMD035 1 MCP120T 1 MCP2562 1 MP1584E 2 MT3608(S RTL8723E 1 (RL-SM02	1/4.0A/36mR/20%/8.3x8.3x5.0mm		
3 1N5819S4 5 1N5822/S 1 SMBJ6.0A 1 LED/Gree 1 LED/IR33: 1 LED/Red/I 1 LED/Yello 1 RPM7236 1 DTC114Y 1 BC817-40 8 BSS138(S 3 IRLML640 1 AP1231-1 1 AP1231-2 1 FSMD035 1 MCP120T 1 MCP2562 1 MP1584E 2 MT3608(S RTL8723E 1 (RL-SM02	RH8D43-100M)	L-CDRH8D43	L2
3 1N5819S4 5 1N5822/S 1 SMBJ6.0A 1 LED/Gree 1 LED/IR33: 1 LED/Red/I 1 LED/Yello 1 RPM7236 1 DTC114Y 1 BC817-40 8 BSS138(S 3 IRLML640 1 AP1231-1 1 AP1231-2 1 FSMD035 1 MCP120T 1 MCP2562 1 MP1584E 2 MT3608(S RTL8723E 1 (RL-SM02	,		L3, L4, L5, L6, L7, L9, L10, L11, L12, L13, L14,
3 1N5819S4 5 1N5822/S 1 SMBJ6.0A 1 LED/Gree 1 LED/IR33: 1 LED/Red/I 1 LED/Yello 1 RPM7236 1 DTC114Y 1 BC817-40 8 BSS138(S 3 IRLML640 1 AP1231-1 1 AP1231-2 1 FSMD035 1 MCP120T 1 MCP2562 1 MP1584E 2 MT3608(S RTL8723E 1 (RL-SM02	305/600R/2A	L-USL0805_5MIL_DWS	L16, L17
5 1N5822/S 1 SMBJ6.0A 1 LED/Gree 1 LED/IR33: 1 LED/Red/I 1 LED/Yellor 1 RPM7236 1 DTC114Y 1 BC817-40 8 BSS138(S 3 IRLML640 1 AP1231-1 1 AP1231-2 1 FSMD035 1 MCP120T 1 MCP2562 1 MP1584E 2 MT3608(S RTL8723E 1 (RL-SM02	319S4(SOD-123)	SCHOTKKY7.62SS-1N5819(S4SOD-123)	D3, D4, D6
1 SMBJ6.0A 1 LED/Gree 1 LED/IR33: 1 LED/Red/I 1 LED/Yellor 1 RPM7236 1 DTC114Y 1 BC817-40 8 BSS138(S 3 IRLML640 1 AP1231-1 1 AP1231-2 1 FSMD035 1 MCP120T 1 MCP2562 1 MP1584E 2 MT3608(S RTL8723E 1 (RL-SM02	322/SS34/SMA	SCHOTKKY7.62SS2	D1, D2, D5, D7, D9
1 LED/Gree 1 LED/IR33: 1 LED/Red// 1 LED/Yello 1 RPM7236 1 DTC114Y 1 BC817-40 8 BSS138(S 3 IRLML64C 1 AP1231-1 1 AP1231-2 1 FSMD035 1 MCP120T 1 MCP2562 1 MP1584E 2 MT3608(S RTL8723E 1 (RL-SM02	J6.0A/DO214A	SMBJ16A	D1, D2, D3, D7, D9
1 LED/IR33: 1 LED/Red/I 1 LED/Yello 1 RPM7236 1 DTC114Y 1 BC817-40 8 BSS138(S 3 IRLML64C 1 AP1231-1 1 AP1231-2 1 FSMD035 1 MCP120T 1 MCP2562 1 MP1584E 2 MT3608(S RTL8723E 1 (RL-SM02		LEDLED-0603 TEST	LED1
1 LED/Red// 1 LED/Yellov 1 RPM7236 1 DTC114Y 1 BC817-40 8 BSS138(S 3 IRLML64C 1 AP1231-1 1 AP1231-2 1 FSMD035 1 MCP120T 1 MCP2562 1 MP1584E 2 MT3608(S RTL8723E 1 (RL-SM02			
1 LED/Yellor 1 RPM7236 1 DTC114Y 1 BC817-40 8 BSS138(S 3 IRLML64C 1 AP1231-1 1 AP1231-2 1 FSMD035 1 MCP120T 1 MCP2562 1 MP1584E 2 MT3608(S RTL8723E 1 (RL-SM02		LED5.0MM	IR_LED1
1 RPM7236 1 DTC114Y 1 BC817-40 8 BSS138(S 3 IRLML64C 1 AP1231-1 1 AP1231-2 1 FSMD035 1 MCP120T 1 MCP2562 1 MP1584E 2 MT3608(S RTL8723E 1 (RL-SM02		LEDLED-0603_TEST	PWR_LED
1 DTC114Y 1 BC817-40 8 BSS138(S 3 IRLML64C 1 AP1231-1 1 AP1231-2 1 FSMD035 1 MCP120T 1 MCP2562 1 MP1584E 2 MT3608(S RTL8723E 1 (RL-SM02		LEDLED-0603_TEST	LED2
1 BC817-40 8 BSS138(S 3 IRLML64C 1 AP1231-1 1 AP1231-2 1 FSMD035 1 MCP120T 1 MCP2562 1 MP1584E 2 MT3608(S RTL8723E 1 (RL-SM02		RPM7236	IR1
8 BSS138(S 3 IRLML64C 1 AP1231-1 1 AP1231-2 1 FSMD035 1 MCP120T 1 MCP2562 1 MP1584E 2 MT3608(S RTL8723E 1 (RL-SM02	114YKA(SOT23-3)	DIGITAL_TRANSISTORS-NPNDTC114YKA	T1
3 IRLML640 1 AP1231-1 1 AP1231-2 1 FSMD035 1 MCP120T 1 MCP2562 1 MP1584E 2 MT3608(S RTL8723E 1 (RL-SM02	17-40(SOT23-3)	NPN-TRANSISTOR_SOT23	T2
3 IRLML640 1 AP1231-1 1 AP1231-2 1 FSMD035 1 MCP120T 1 MCP2562 1 MP1584E 2 MT3608(S RTL8723E 1 (RL-SM02			FET2, FET3, FET4, FET5, FET6, FET7,
3 IRLML640 1 AP1231-1 1 AP1231-2 1 FSMD035 1 MCP120T 1 MCP2562 1 MP1584E 2 MT3608(S RTL8723E 1 (RL-SM02	138(SOT23-3)	N-MOS+DIODBSS138(SOT23-3)	FET8, FET11
1 AP1231-1 1 AP1231-2 1 FSMD035 1 MCP120T 1 MCP2562 1 MP1584E 2 MT3608(S RTL8723E 1 (RL-SM02	1L6402(SOT23-3)	P-MOS+DIODIRLML6402	FET1, FET9, FET10
1 AP1231-2 1 FSMD035 1 MCP120T 1 MCP2562 1 MP1584E 2 MT3608(S RTL8723E 1 (RL-SM02	231-1.8V(SOT23-5)	AP1231-33	VR1
1 FSMD035 1 MCP120T 1 MCP2562 1 MP1584E 2 MT3608(S RTL8723E 1 (RL-SM02	231-2.8V(SOT23-5)	AP1231-33	VR2
1 MCP120T 1 MCP2562 1 MP1584E 2 MT3608(S RTL8723E 1 (RL-SM02	,	FUSE	FUSE1
1 MCP2562 1 MP1584E 2 MT3608(S RTL8723E 1 (RL-SM02	120T-475I/TT(SOT23-3)	RESETMCP130T-300-I/TT	U14
1 MP1584E 2 MT3608(S RTL8723E 1 (RL-SM02	22562-E/SN(SO8)	SO-8	U2
2 MT3608(S RTL8723E 1 (RL-SM02	. ,		U6
RTL8723E 1 (RL-SM02	584EN(SOIC8E)	MP1584EN(SOIC8E)	
1 (RL-SM02	608(SOT23-6)	SY7208	U5, U13
		RTL8723BS(COMBO_MODULE)	
4 SY6280(S	SM02BD/COMBO_MODULE)	-(RL-SM02BD)	U9
	280(SOT23-5)	SY6280	U7, U8, U10, U12
1 3.3V:Oper	:Opened/5.0V:Closed	SJ2W6	CAN_3.3V/5.0V
2 Closed	•	SJSJ-CLOSE	LED1 E, LED2 E
3 Opened		SJ	5VEXT_E, 5V_SATA_E, CAN_T
	100	100	
1 BTH-V-20		S 12W6	PCIE 5 0\/EXT/5 0\/INI
	E_5.0VEXT:Closed/5.0VIN:Opened	SJ2W6	PCIE 5.0VEXT/5.0VIN

SOM204-EVB_Rev_C_BOM

	30W204 LVB_NCV_0_BOW				
1	CAMERA_2M-GT2005	CAMERA_2M-GT2005	CAM		
1	DDR204(2-2013289-1)	SOM204-EVB-DDR204(2-2013289-1)	SOM204-EVB_PLATFORM		
2	KF02S-M2	KF02S-M2	SOM204-EVB_PLATFORM		
2	DW02S	CON2DW02S	5V_SATA_PWR, LIPO_BAT		
2	GBH254SMT-10(HTST-105-01-L-DV-P-TR)	ML10-(GBH-254-SMT-10)_TEST	UEXT-1, UEXT-2		
1	GBH254SMT-34(HTST-117-01-L-DV-P-TR)	ML34-(GBH-254-SMT-34)_TEST	GPIO		
1	HDMI-SWM-19	HDMI-MC34931HDMI-SWM-19_TEST	HDMI		
1	HN1x3	CON3HN1X3	DBG-UART		
1	KMMX-AB10-SMT1SB30TR	USB_MICRO_3.0-KMMX-AB10-SMT1SB30TR	USB_MICRO_3.0-AB		
1	PCIX-VPC-064-LF	PCIE-X4 CONNECTOR(PCIX-VPC-064-LF)	PCIE-X4		
2	PJ-W47S-05D2-LF V2	AUDIO JACK 5PINPJ-W47S-05D2-LF V2	HEADPHONES/LINEOUT, MIC/LINEIN		
1	PWRJ-2mm(YDJ-1134)	PWR-JAKPWR_JACK_ UNI_MILLING_SMALLER_DRILLS	PWR JACK		
1	RJLBC-060TC1	RJLBC-060TC1 GND MILLING	LAN MEGA(100) 1		
1	SATA-PWA-07	SATA-PWA-07TEST	SATA		
4	T1107A(6X3,8X2,5MM)		PWR_BUT, RECOVERY, RESET, UBOOT		
_	` '	SW-TAKTT1107A(6X3,8X2,5MM)			
1	TB3-3.5MM(DG350-3.5_3P)	CON3-DG350-3.5_3P(TB3-3.5MM)	CAN		
,	TEC MIDADD 00	MICRO_SD/MMC_CP_	MICDO CD		
1		NEWTEST_CREAM	MICRO_SD		
1	TM211Q01FM22	TM211Q01FM22_SH	LAN_GIGA(1000)_2		
1	USB-OTG(MSB-SW-5AB-LF)	MINI_USB9	USB2.0_OTG		
1	USBB1-FRWH-4A(USB-Ax2)	USB_TWO_LEVEL	USB2.0_HOST		
1	VGA15(DB15-F)	DB1522	VGA_DB15-F		
1	NA(1N5822/SS34/SMA)	SCHOTKKY7.62SS2	D8		
2	NA(1nF/2kV/X7R/C1206)	C-EUC1206_5MILS_WS_ISO	C26, C34		
4	NA(2.2k/R0603)	R-EU_R0603_5MIL_DWS	R79, R81, R83, R85		
2	NA(47uF/6.3V/20%/X5R/C0805)	C-EUC0805_5MIL_DWS	C73, C74		
4	NA(100R/R0603)	R-EU_R0603_5MIL_DWS	R29, R30, R110, R113		
4	NA(100nF/50V/20%/Y5V/C0603)	C-EUC0603_DWS	C10, C11, C33, C58		
4	NA(510R/R0402)	R-EU_R0402_SMALL	R3, R7, R9, R15		
1	NA(5025)	FUSE""	FUSE2		
1		AP1231-33	VR3		
1	NA(BD5245G-TR(SSOP5/SOT-23-5))	BD5230G-TR(SSOP5/SOT-23-5)	U11		
1	NA(FB0805/600R/2A)	L-USL0805_5MIL_DWS	L8		
1	NA(HR1x2)	JP1EHR1X2	KEY-ADC		
3	NA(RCLAMP0524P)	RCLAMP0524P	U1, U3, U4		
1	NA(RJLBC-060TC1)	RJLBC-060TC1_GND_MILLING	LAN_MEGA(100)_2		
1	NA(TM211Q01FM22)	TM211Q01FM22_SH	LAN_GIGA(1000)_1		
			R26, R27, R28, R31, R34, R37, R39, R40, R41, R43, R45, R46, R47, R49, R50, R51, R53, R59, R60, R65, R66, R69, R70, R71, R72,		
	NA/R0603	R-EU_R0603_5MIL_DWS	R73, R74, R75, R77, R78, R91, R92, R127, R13		
1	NA(U.FL_Connector)	U.FL_Connector	ANT2		