

Project Code: DP0419
Product Number: MWL-51G1
Product Name: Johnson Controls RS485 to Wireless Converter
Version: V4R1
Customer Model: SWCVT

Item	Level	Level Desc	Microlink P/N	Part number 1 name	Qty	Reference	Package
1	0	FINISHED GOODS	5890-5933-0201	F/G,WLAN,MWL-51G1,RS485 to wireless converter,JC	-		
2	1	UNPACKED DEVICE	5888-5933-0101	UNPACKED DEVICE,WLAN,MWL-51G1,JC1	-		
3	2	ASSY	5807-5933-0040	專用電子雷機,PCBA,IEEE802.11g mini PCI,WIMR-103G,V1,GEMTEK組裝在J3上	1		
4	2	ASSY	0918-0003-0080	CONN,JUMP,MJ,2.54-1X2P,CLOSE,CMJ-60AB,CHERNG-WEEI,LF組裝在JP1的Pin2&3,Jump	1		
5	2	ASSY	0918-0002-0080	CONN,JUMP,MJ,J3(2.54MM),3PIN,CHERNG-WEEI,LF組裝在JP7,Jump	1		
6	2	ASSY	5806-5933-0101	專用電子雷機,ANTENNA,MWL-51G1,W119-141-D200,INPUT,OUTPUT組裝在J4上	1		
7	2	ASSY	0919-0038-0080	機構零件,17544851,pluggable block, 3 pos. no labeling, green, Type: MSTB2,5/3ST組裝在J6上	1		
8	2	ASSY	0919-0036-0080	機構零件,17544811,pluggable block, 4 pos. no labeling, green, Type: MSTB2,5/4ST組裝在J7上	1		
9	2	ASSY	5812-5933-0301	機構元件,METAL,SHIELDING BOTTOM,MWL-51G1,JT-SPRING	1		
10	2	ASSY	0952-0007-0080	消耗類,TAPE,12.7*12.7*3.2mm,XA931117A000,EUQENE,LF	1		
11	2	ASSY	5811-5933-0380	機構元件,PLASTIC,BASE ASSY,180*125*27mm,MWL-51G1,V2,JC1,LF	1		
12	2	ASSY	0961-0067-0080	五金,SCREW,#632*6 STP,NJ,JC1,LF	1		
13	2	ASSY	5811-5933-0280	機構元件,PLASTIC,COVER,180*125*27mm,MWL-51G1,V1,JC1,LF	1		
14	2	ASSY	0961-0063-0080	五金,SCREW,M4*25.5mm,STEEL,JC1,LF	1		
15	1	PACKING ASSY	5881-5933-0101	Sub-Assembly,PACKING ASSY,MWL-51G1,RS485 to wireless converter,JC1	-		
16	2	PACKIN	5849-5933-0101	包材,LABEL,ART1,55*25 mm,MWL-51G1,V1,JC1,LF	1		
17	2	PACKIN	5849-5933-0280	包材,LABEL,ART4,167.6*31.3 mm,MWL-51G1,V1,JC1,LF	1		
18	2	PACKIN	5849-5933-0380	包材,LABEL,ART3,152.5*35.6 mm,MWL-51G1,V1,JC1,LF	1		
19	2	PACKIN	5849-5933-0480	包材,LABEL,ART2,167.6*31.3 mm,MWL-51G1,V1,JC1,LF	1		
20	2	PACKIN	5849-5301-0260	包材,MAC ADDRESS	3		
21	2	PACKIN	5845-5933-0180	包材,PE BAG	1		
22	2	PACKIN	5831-5933-0280	包材,GUIDE,QSG	1		
23	2	PACKIN	5843-5933-0101	包材,CARD BOARD	1		
24	2	PACKIN	5842-5933-0101	包材,INNER BOX	1		
25	2	PACKIN	5849-5933-0501	包材,LABEL,PACKAGE	1		
26	2	PACKIN	5842-5933-0201	包材,CARTON	1		
27	2	PACKIN	5849-5933-0580	包材,LABEL,CARTON	1		
28	2	PCB ASSY	5883-5933-0201	Sub-Assembly,PCB-ASSY,MWL-51G1,RS485 to wireless converter,JC	-		
29	3	PCBA-SMT ASSY	5883-5933-0301	Sub-Assembly,PCBA-SMT,MWL-51G1,RS485 to wireless converter,JC	-		
30	4	SMD	5801-5933-0101	專用電子雷機,PCB,FR4,4L,1.6mm*18mm*11.8mm,MWL-51G1,V4,SHINPUU	1	PCB	
31	4	SMD	0265-2206-5106	C-SMD,CERAMIC,50V,22pF,±5%,0603,COG,C1608COG1H220JT,TDK	2	C1,C2	0603
32	4	SMD	0265-1047-5481	C-SMD,CERAMIC,50V,0.1uF,±10%,0603,X7R,C1608X7R1H104KT,TDK	53	C5,C6,C7,C14,C15,C16,C17,C18,C20,C21,C34,C35,C36,C37,C38,C63,C64,C65,C66,C67,C68,C69,C70,C71,C72,C73,C74,C90,C91,C110,C111,C113,C122,C127,C130,C146,C148,C77,C78,C79,C80,C81,C82,C83,C84,C85,C86,C87,C88,C114,C115,C116,C182	0603
33	4	SMD	0265-1027-5482	C-SMD,CERAMIC,50V,0.001uF,±10%,0603,X7R,C1608X7R1H102KT,TDK	3	C27,C123,C128	0603
34	4	SMD	0265-1027-A480	C-SMD,CERAMIC,50V,1000pF,10%,1206,X7R,1206B102K500CT,WALSIN,LF	1	C119	1206
35	4	SMD	0265-1002-5180	C-SMD,CERAMIC,50V,10pF,±0.25pF,0603,COG,C1608COG1H100CT,TDK	2	C92,C95	0603
36	4	SMD	0265-1037-5480	C-SMD,CERAMIC,50V,0.01uF,±10%,0603,X7R,C1608X7R1H103KT,TDK	10	C98,C101,C102,C103,C104,C105,C106,C107,C108,C181	0603
37	4	SMD	0265-2216-5181	C-SMD,CERAMIC,50V,220pF,±5%,0603,COG,C1608COG1H221JT,TDK	1	C143	0603
38	4	SMD	0265-2216-A180	C-SMD,CERAMIC,50V,220pF,±5%,1206,COG,221J500CT,WALSIN,LF	3	C117,C118,C120	1206
39	4	SMD	0265-4716-5180	C-SMD,CERAMIC,50V,470pF,±5%,0603,COG,C1608COG1H471JT,TDK	1	C129	0603
40	4	SMD	0265-2247-5480	C-SMD,CERAMIC,50V,0.22uF,±10%,0603,X7R,C1608X7R1H224KT,TDK	2	C134,C138	0603
41	4	SMD	0264-4749-5380	C-SMD,CERAMIC,25V,0.47uF,±80/-20%,0603,Y5V,C1608Y5V1E474ZT,TDK,LI	1	C142	0603
42	4	SMD	0265-2237-5480	C-SMD,CERAMIC,50V,0.022uF,±10%,0603,X7R,C1608X7R1H223KT,TDK	1	C144	0603
43	4	SMD	0265-1099-A380	C-SMD,CERAMIC,50V,1uF,±80/-20%,1206,Y5V,C3216Y5V1H109ZT,TDK	2	C141	1206
44	4	SMD	0265-2259-A380	C-SMD,CERAMIC,50V,2.2uF,±80/-20%,1206,Y5V,C3216Y5V1H225ZT,TDK	1	C126	1206
45	4	SMD	0263-1069-A380	C-SMD,CERAMIC,16V,10uF,±80/-20%,1206,Y5V,C3216Y5V1C106ZT,TDK	5	C89,C99,C100,C109,C112	1206
46	4	SMD	0265-2727-A401	C-SMD,CERAMIC,50V,2700pF,10%,1206,X7R,1206B27K500CT,WALSIN,LF	1	C140	1206
47	4	SMD	0273-4768-1681	C-SMD,TAN,16V,47uF,±20%,7343,TAJD476M168KJ,AVX,LF	4	C81,C82,C75,C76	CASE D
48	4	SMD	0273-1017A-1680	C-SMD,TAN,16V,100uF,10%,7343,TAJD107K168KJ,AVX,LF	4	C121,C124,C125,C147	CASE D
49	4	SMD	0094-3300-A380	R-SMD,ARRAY,0603,3300,1/10W,±5%,WRO6X330J1TL,WALSIN,LF	2	RN2,RN3	ARRAY 0603
50	4	SMD	0024-0330-4381	R-SMD,CERAMIC,0603,330,1/10W,±5%,WRO6X330J1TL,WALSIN,LF	5	R1,R2,R5,R34,R35	0603
51	4	SMD	0024-1001-4180	R-SMD,CERAMIC,0603,1K0,1/10W,±1%,WRO6X1001F1TL,WALSIN,LF	7	R3,R6,R7,R8,R13,R14,R20,R4,R10,R11,R12,R15,R32,R36,R39,R40,R41,R42,R43,R44,R45,R46,R47,R48,R55,R56,R57,R58,R59,R60,R62,R65,R66,R67,R68,R116,R33,R122,R123,R124,R125,R126,R127,R128,R129,R120,R121,R130	0603
52	4	SMD	0024-1002-4180	R-SMD,CERAMIC,0603,10K0,1/10W,±1%,WRO6X1002F1TL,WALSIN,LF	41	R9,R16,R17,R18,R19,R37,R38,R39,R40,R41,R42,R43,R44,R45,R46,R47,R48,R55,R56,R57,R58,R59,R60,R62,R65,R66,R67,R68,R116,R33,R122,R123,R124,R125,R126,R127,R128,R129,R120,R121,R130	0603
53	4	SMD	0024-3011-4180	R-SMD,CERAMIC,0603,3.01K0,1/10W,±1%,WRO6X3011F1TL,WALSIN,LF	1	R9	0603
54	4	SMD	0024-1000-4181	R-SMD,CERAMIC,0603,1000,1/10W,±1%,WRO6X1000F1TL,WALSIN,LF	4	R16,R17,R18,R19	0603
55	4	SMD	0024-4999-4180	R-SMD,CERAMIC,0603,49.90,1/10W,1%,WRO6X4999F1TL,WALSIN,LF	1	R37	0603
56	4	SMD	0024-4991-4180	R-SMD,CERAMIC,0603,4.99K0,1/10W,1%,WRO6X4991F1TL,WALSIN,LF	1	R38	0603
57	4	SMD	0024-2701-4180	R-SMD,CERAMIC,0603,2.7K0,1/10W,±1%,WRO6X2701F1TL,WALSIN,LF	6	R49,R50,R51,R52,R53,R54	0603
58	4	SMD	0024-1201-4180	R-SMD,CERAMIC,0603,1.2K0,1/10W,±1%,WRO6X1201F1TL,WALSIN,LF	1	R69,R70	0603
59	4	SMD	0024-2200-4303	R-SMD,CERAMIC,0603,2200,1/10W,±5%,WRO6X220J1TL,WALSIN,LF	1	R71	0603
60	4	SMD	0025-1003-5380	R-SMD,CERAMIC,0805,100K0,1/8W,5%,WRO8X104J1TL,WALSIN,LF	2	R72,R73	0805
61	4	SMD	0026-1003-6180	R-SMD,CERAMIC,1206,100K0,1/4W,1%,WR12X1003F1TL,WALSIN,LF	4	R74,R80,R81,R82	1206
62	4	SMD	0024-3300-4380	R-SMD,CERAMIC,0603,3300,1/10W,±5%,WRO6X33J1TL,WALSIN,LF	1	R79	0603
63	4	SMD	0024-2802-4180	R-SMD,CERAMIC,0603,20K0,1/10W,1%,WRO6X2002F1TL,WALSIN,LF	1	R83	0603
64	4	SMD	0024-9101-4180	R-SMD,CERAMIC,0603,8.1K0,1/10W,1%,WRO6X9101F1TL,WALSIN,LF	1	R84	0603
65	4	SMD	0025-0000-5380	R-SMD,CERAMIC,0805,00,1/8W,5%,WRO8X000J1TL,WALSIN,LF	1	L3	0805
66	4	SMD	0946-0172-0040	IND,68uH/20%/1200mA,GDOCC-0810-680M,0810,GOTRENT	1	L2	
67	4	SMD	0946-0173-0040	IND,150uH/20%/900mA,GDOCC-0810-151M,0810,GOTRENT	1	L1	
68	4	SMD	0945-0083-0080	BEAD,300,25%,4000MA,WB201209B300JL,T40,0805,WALSIN,LF	5	FB2,FB3,FB4,FB5,FB6	0805
69	4	SMD	0507-0017-8080	DIODE,SWITCHING,SCS4148,1206,SECCS GMBH,LF	1	D1	1206
70	4	SMD	0501-0023-1001	DIODE,RECTIFIER,SM4004A,DO-214AC,SECCS GMBH	12	D2,D3,D4,D5,D19,D20,D21,D23,D25,D26,D27,D28	
71	4	SMD	0501-0022-1001	DIODE,TVS,SMJ45,0A,DO-214AC,SECCS GMBH	1	D6	SMA
72	4	SMD	0508-0022-1001	DIODE,SCHOTTKY,3A/20V,MBR5340T3,SMC,ON SEMICONDUCTOF	1	D22	SMC
73	4	SMD	0501-0021-1080	DIODE,TVS,SMJ40A,DO-214AA,SECCS GMBH,LF	1	D24	SMB
74	4	SMD	0526-0046-5001	IC,WAN,KS8695PX,PCBA-289,MICREL	1	U1	PBAQF-289
75	4	SMD	0523-0064-7001	IC,SDRAM,MT48LC4M32B2TG-7,1T,TSOP-86,MICRON	1	U2	TSOP-86
76	4	SMD	5889-5933-0101	Sub-Assembly,FLASH ASSY,MWL-51G1,JC1	-		
77	5	SMD	0523-0060-7001	IC,FLASH,MX29LV033ATC-70,TSOP-40,MXIC	1	U4	TSOP-40
78	5	SMD	5802-5933-0101	專用電子雷機,Firmware,flash-dump-v1.2,MWL-51G1,DA59,DMS	1		
79	4	SMD	0521-0047-9001	IC,LOGICAL,74LVX14M,SOIC-14,FAIRCHILD	1	U5	SOIC-14
80	4	SMD	0521-0046-9001	IC,LOGICAL,74LVX02M,SOIC-14,FAIRCHILD	1	U6	SOIC-14
81	4	SMD	0521-0048-B001	IC,LOGICAL,NC7SP05PQX,SC70-5,FAIRCHILD	1	U7	SC70-5
82	4	SMD	0522-0043-9001	IC,ANALOG,ADUM1301ARW,SIIC-16,ANALOG DEVICES	1	U8	SOIC-16
83	4	SMD	0526-0045-9001	IC,TRANSCEIVER,DS75176BM,SOIC-8,N5	1	U9	SOIC-8
84	4	SMD	0524-0090-9001	IC,REGULATOR,MIC5209-1.8BM,500MA,SO-8,MICREL	1	U11	SO-8
85	4	SMD	0524-0088-9001	IC,REGULATOR,L4973D3-3.0131R,SO20,S1	1	U12	
86	4	SMD	0524-0089-A001	IC,REGULATOR,L2P2950CDT,5.0,100MA,DPAK,ON Semiconducto	1	U14	
87	4	SMD	0913-0001-0001	CONN,SOCKET,SMD,MINI PCI 124P,YQ-0001-0094,QXCEI	1	J3	
88	4	SMD	0903-0001-0001	PROTECTOR,PTC,1812SMD014,1812,E-EASY	2	RT1,RT2	
89	3	PCBA,DIP ASSY	5883-5933-0401	Sub-Assembly,PCBA,DIP,MWL-51G1,RS485 to wireless converter,JC	-		
90	4	DIP	031R-2218-8601	C-DIP,ALUM,63V,220UF,±/-20%,5mm,220UF63V1(10*20),STONE	1	C136	DIP
91	4	DIP	031R-4718-8601	C-DIP,ALUM,63V,470UF,±/-20%,5mm,470UF63V1(13*21),STONE	1	C145	DIP
92	4	DIP	031R-4718-8680	C-DIP,ALUM,63V,470UF,±/-20%,5mm,LESR(13*26),YE470M63W1326,STONE,LF	1	C137	DIP
93	4	DIP	0313-4718-5680	C-DIP,ALUM,16V,470UF,±/-20%,3mm,LESR(8*12),XR470M16B0812,STONE,LI	2	C139,C180	DIP
94	4	DIP	031R-1028-1601	C-DIP,ALUM,63V,1000UF,±20%,7.5mm,1000UF63V1(16*32),STONE	1	C135	DIP
95	4	DIP	0326-1047-F601	DIP,METALLIZED POLYPROPYLENE FILM,100V0.0,1uF,10%,10mm,104K100UP10,STONI	3	C131,C132,C133	DIP
96	4	DIP	036H-2706-L280	C-DIP,CERAMIC,3KV,27pF,5%,7.5mmX25mm,SL,SL-27J,3KV-7.5*25,GRADE/	2	C150,C151	
97	4	DIP	0502-0048-H001	DIODE,LED,GREEN,SH31C-1,DIP,MENTOR	4	D1,D16,D17,D18	DIP
98	4	DIP	0502-0049-H001	光電元件,LED,RED,SH31R-1,DIP,MENTOR	1	D15	
99	4	DIP	0947-0023-0001	Transformer,PREM Magnetics SLP-24-351,12.6VAC output	1	U13	
100	4	DIP	0942-0079-0080	共用電子雷機,XTAL,25MHz/20pF/30PPM,GF2500001,SMD,ECERA,LF	1	Y1	SMD GF TYPE
101	4	DIP	0919-0044-0080	CONN,HEADER,CPHA11601X3,DIP,CHERNG-WEEI,LF	1	JP1	
102	4	DIP	0919-0046-0080	CONN,HEADER,CPHA11602X10,DIP,CHERNG-WEEI,LF	1	JP4	
103	4	DIP	0919-0043-0080	CONN,HEADER,CPHA11602X3,DIP,CHERNG-WEEI,LF	1	JP7	
104	4	DIP	0919-0050-0080	CONN,HEADER,CPHA11601X10,DIP,CHERNG-WEEI,LF	1	JP5	
105	4	DIP	0923-0012-0080	SWITCH,PUSH,HDK632AR-ST,HCH,LF	2	S1,S2	
106	4	DIP	0932-0080-0001	WIRE/CABLE/TUBE,CABLE,IPEXDR113B-0080C,INPUT OUTPUT1	1	J4	
107	4	DIP	0919-0037-0080	CONN,1736108 1 header, 3 pos. rt. angle, green, Type: MSTBW 2.5/3-C	1	J6	
108	4	DIP	0919-0035-0080	CONN,1736098 1 header, 4 pos. rt. angle, green, Type: MSTBW 2.5/4-C	1	J7	
109	4	DIP	0912-0009-0001	CONN,JACK,1R,PORT,RJ45,YQ-A001-0047,QXCEI	0		
110	4	DIP	0905-0007-0001	PROTECTOR,Protector,Vanstor,35VAC/45VDC/5 Joules,V56Z3A,Littelfus	1	VR1	

111	4	DIP	5812-5929-0101	機構元件,Metal,Antenna,MWL-32B6,V1,J.T.	1	ANT1	
112	4	DIP	0932-0065-0001	WIRE/CABLE/TUBE,CABLE,I-PEX Connector 1.13 cable 6cm,IPEX00113A-0060C,INPUT OUTPU	1	J5	
113	4	DIP	0919-0056-0080	CONN.HEADER,CPHA11601X40,DIP,CHERNG-WEEI,LF	1	P1	
114	4	DIP	0919-0045-0080	CONN.HEADER,CPHA11601X9,DIP,CHERNG-WEEI,LF	1	P2	
115	4	DIP	0919-0051-0080	CONN.HEADER,CPHA11601X2,DIP,CHERNG-WEEI,LF	3	P3,P4,P7	
116	4	DIP	0919-0052-0080	CONN.HEADER,CPHA11601X7,DIP,CHERNG-WEEI,LF	2	P8,P9	
117	4	DIP	0919-0053-0080	CONN.HEADER,CPHA11601X8,DIP,CHERNG-WEEI,LF	1	P11	
118	4	DIP	0919-0058-0080	CONN.HEADER,CPHA11601X4,DIP,CHERNG-WEEI,LF	1	P10	
					281	Total	