

E-Item : 80038780 LINKS3050 VER1.0 BOM Unit : 1 ea
Revision : 004 GOSSJ: R

Level	Pos.	Component	Description	Component Type	Revi- sion	Length [m]	Width [m]	No. of Units	Net Quantity	Un.	Extra Info
1	10	18000055	EMU RECEIVER BOX	Item					1.0000	ea	
1	20	18002325	THERMAL TRANSFER LABEL 2" X	Item					1.0000	ea	
+-BOM Text -----+											
SKYROUTE CL3050 Ver1.0											
Made in Canada											
80038780											
+-----+											
1	30	29034531	LINKS3050 V1.0 INST MANUAL	E-Item	001				1.0000	ea	
1	40	57000012	DI-50/BRAVO (S.) HARDWARE PA	Item	0				1.0000	ea	
1	50	57000722	RESISTOR PACK W/2 5K6 RESIST	Item	001				2.0000	ea	
1	60	70007741	LINKS3050 V1.0 FINAL ASSEMBL	E-Item	003				1.0000	ea	
.2	10	08001525	GTW1000; SIDE INSERT-2 (SMAL	E-Item	001				1.0000	ea	
.2	20	08001526	GTW1000; SIDE INSERT-1 (MEDI	E-Item	001				2.0000	ea	
.2	30	08001527	GTW1000; SIDE INSERT-3 (LARG	E-Item	001				1.0000	ea	
.2	40	08001528	GTW1000; LED PIPE; CLEAR PLA	E-Item	001				1.0000	ea	
.2	50	08001529	GTW1000; BATTERY RETAINER; C	E-Item	001				1.0000	ea	
.2	60	08005068	CP1032 SKYROUTE CL3050 56mm	E-Item	001				1.0000	ea	
...3	10	08005065	LINKS 3050 BOX; TOP AND BOT	E-Item	1				1.0000	ea	
...4	10	08001530	GTW1000; TOP BOX; WHITE PLAS	E-Item	001				1.0000	ea	
...4	20	08001531	GTW1000; BOTTOM BOX WITH HOL	E-Item	001				1.0000	ea	
.2	61	36000068	CP1033 DSC LOGO PP 33mmW 1C	E-Item	001				0.0000	ea	
.2	70	12000054	SCREW #4X1/2" PAN PHILLIPS T	Item					1.0000	ea	
.2	80	12000188	SCREW 4-40X1/4" PAN PHILLIPS	Item					8.0000	ea	
.2	90	12000621	SC #4 X 1/4" PHILIPS PAN HE	Item	001				4.0000	ea	
.2	100	12000623	HEX METAL STANDOFF H=7/16" W	Item	001				4.0000	ea	
.2	110	70007740	LINKS3050 UA366 REV01 V1.0	E-Item	004				1.0000	ea	
...3	10	73-01145	LINKS3050 UA366 REV01	E-Item	006				1.0000	ea	
...4	10	11002349	LINKS 3050 (UA366) REV01	E-Item	001				1.0000	ea	PCB
...4	20	01000227	3.9K OHM 1/10W 5% SMD (0805)	Item					1.0000	ea	TOP
+-----+											
Location Net Quantity											
+-----+											
R1 1.0000											
+-----+											
...4	30	01000235	1.8K OHM 1/10W 5% SMD (0805)	Item					1.0000	ea	TOP
+-----+											
Location Net Quantity											
+-----+											
R15 1.0000											
+-----+											
...4	40	01000298	8.2 OHM 1/10W 5% SMD (0805)	Item					4.0000	ea	TOP
+-----+											
Location Net Quantity											
+-----+											
R5 1.0000											
R7 1.0000											
R8 1.0000											
R9 1.0000											
+-----+											
...4	50	01000339	2K OHM 1/10W 5% SMD (0805) R	Item					1.0000	ea	TOP

Date : 08-15-02 [10:52]
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MULTI-LEVEL EBOMS

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Level	Pos.	Component	Description	Component Type	Revi- sion	Length [m]	Width [m]	No. of Units	Net Quantity	Un.	Extra Info
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			Location	Net Quantity							
			R14	1.0000							
...4	60	01000781	20R 1/10W 5% SMD (0805)	Item					4.0000	ea	TOP
			Location	Net Quantity							
			R41	1.0000							
			R42	1.0000							
			R61	1.0000							
			R62	1.0000							
...4	70	01000931	1.5K OHM 1/10W 5% SMD	(Item	001				1.0000	ea	TOP
			Location	Net Quantity							
			R26	1.0000							
...4	80	01000936	10 OHM 1/10W 5% SMD	(06Item	001				1.0000	ea	TOP
			Location	Net Quantity							
			R35	1.0000							
...4	90	01000938	100K OHM 1/10W 5% SMD	(Item	001				3.0000	ea	TOP
			Location	Net Quantity							
			R22	1.0000							
			R23	1.0000							
			R31	1.0000							
...4	100	01000941	10K OHM 1/10W 5% SMD	(0Item	001				15.0000	ea	TOP
			Location	Net Quantity							
			R2	1.0000							
			R30	1.0000							
			R33	1.0000							
			R36	1.0000							
			R37	1.0000							
			R38	1.0000							
			R40	1.0000							
			R47	1.0000							
			R48	1.0000							
			R49	1.0000							
			R55	1.0000							
			R56	1.0000							
			R6	1.0000							
			R60	1.0000							
			R63	1.0000							

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Location	Net Quantity

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Level	Pos.	Component	Description	Component	Revi-	Length	Width	No. of	Net Quantity	Un.	Extra
				Type	sion	[m]	[m]	Units			Info

+-----+									
Location Net Quantity									
+-----+									
R10 1.0000									
+-----+									
...4	180 01000977	47K OHM 1/10W 5% SMD (0 Item	001					6.0000 ea	TOP
+-----+									
Location Net Quantity									
+-----+									
R12 1.0000									
R3 1.0000									
R44 1.0000									
R51 1.0000									
R64 1.0000									
R69 1.0000									
+-----+									
...4	190 16000063	Micro Mini Pushbutton Sw. wi Item						1.0000 ea	TOP
+-----+									
Location Net Quantity									
+-----+									
SW2 1.0000									
+-----+									
...4	200 01000986	680 OHM 1/10W 5% SMD (0 Item	001					2.0000 ea	TOP
+-----+									
Location Net Quantity									
+-----+									
R17 1.0000									
R19 1.0000									
+-----+									
...4	210 01000989	82 OHM 1/10W 5% SMD (0603) R Item	001					2.0000 ea	TOP
+-----+									
Location Net Quantity									
+-----+									
R16 1.0000									
R28 1.0000									
+-----+									
...4	220 01001078	806 OHM 1% 1/10W SMD (0805) Item	001					1.0000 ea	TOP
+-----+									
Location Net Quantity									
+-----+									
R13 1.0000									
+-----+									
...4	230 01001079	1K OHM 1% 1/10W SMD (0805) R Item	001					1.0000 ea	TOP
+-----+									
Location Net Quantity									
+-----+									
R24 1.0000									
+-----+									
...4	240 01001121	220K OHM 1/10W 5% SMD (0603) Item	001					1.0000 ea	TOP
+-----+									
Location Net Quantity									
+-----+									
R32 1.0000									

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+-----+									
Location Net Quantity									
+-----+									
+-----+									
...4		250 01001128	47 OHM 1/10W 5%; SMD (0603);	Item		001			3.0000 ea TOP
+-----+									
Location Net Quantity									
+-----+									
R53 1.0000									
R57 1.0000									
R58 1.0000									
+-----+									
...4		260 02000026	POTENTIOMETER 10K HORIZONTAL	Item					1.0000 ea TOP
+-----+									
Location Net Quantity									
+-----+									
RV1 1.0000									
+-----+									
...4		270 03000014	100NF 10% -40~+85C AXIAL 50	Item					1.0000 ea TOP
+-----+									
Location Net Quantity									
+-----+									
C4 1.0000									
+-----+									
...4		280 03000034	1000UF 20% -40~+85C RAD 25V	Item					1.0000 ea TOP
+-----+									
Location Net Quantity									
+-----+									
C6 1.0000									
+-----+									
...4		290 03000531	CAP. 10UF 16V SMD. 4MMD X 5.	Item					1.0000 ea TOP
+-----+									
Location Net Quantity									
+-----+									
C11 1.0000									
+-----+									
...4		300 03000568	1000UF/16V ELECTROLYTIC RAD	Item					1.0000 ea TOP
+-----+									
Location Net Quantity									
+-----+									
C3 1.0000									
+-----+									
...4		310 03000641	33PF/50V 10% SMD (0603); MUL	Item		001			2.0000 ea TOP
+-----+									
Location Net Quantity									
+-----+									
C13 1.0000									
C17 1.0000									
+-----+									
...4		320 03000627	100nF/50V 10% SMD (0603) ;	Item		001			8.0000 ea TOP
+-----+									
Location Net Quantity									
+-----+									

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Level	Pos.	Component	Description	Component Type	Revi- sion	Length [m]	Width [m]	No. of Units	Net Quantity	Un.	Extra Info
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<div>+-----+ Location Net Quantity +-----+</div>											
<div>+-----+ C1 1.0000 C10 1.0000 C12 1.0000 C15 1.0000 C18 1.0000 C2 1.0000 C8 1.0000 C9 1.0000 +-----+</div>											
...4	330	03000686	10NF/50V SMD (0603) X7R 10%;	Item	001				1.0000	ea	TOP
<div>+-----+ Location Net Quantity +-----+</div>											
<div>+-----+ C19 1.0000 +-----+</div>											
...4	340	04000015	P-CHANNEL POWER MOSFET TO-22	Item					1.0000	ea	TOP
<div>+-----+ Location Net Quantity +-----+</div>											
<div>+-----+ Q15 1.0000 +-----+</div>											
...4	350	04000037	PNP 6A POWER TRANS. TO-220AB	Item					1.0000	ea	TOP
<div>+-----+ Location Net Quantity +-----+</div>											
<div>+-----+ Q1 1.0000 +-----+</div>											
...4	360	04000053	TRANSISTOR SMD BCX69 PNP	Item					1.0000	ea	TOP
<div>+-----+ Location Net Quantity +-----+</div>											
<div>+-----+ Q2 1.0000 +-----+</div>											
...4	370	04000071	MMBT4401; BJT NPN SOT23; VCE	Item					10.0000	ea	TOP
<div>+-----+ Location Net Quantity +-----+</div>											
<div>+-----+ Q12 1.0000 Q13 1.0000 Q14 1.0000 Q16 1.0000 Q17 1.0000 Q5 1.0000 Q6 1.0000 Q7 1.0000 Q8 1.0000 Q9 1.0000 +-----+</div>											
...4	380	04000072	PNP SMD SWITCHING TRANS SOT-	Item					2.0000	ea	TOP

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+-----+									
Location Net Quantity									
+-----+									
Q3 1.0000									
Q4 1.0000									
+-----+									
...4	390 04000161	STB30NE06L; N-CH MOSFET D2PA	Item		001				1.0000 ea TOP
+-----+									
Location Net Quantity									
+-----+									
Q11 1.0000									
+-----+									
...4	400 05000001	HIGH CONDUCT. FAST DIODE PIV	Item						4.0000 ea TOP
+-----+									
Location Net Quantity									
+-----+									
D2 1.0000									
D3 1.0000									
D4 1.0000									
D5 1.0000									
+-----+									
...4	410 05000101	ZENER DIODE 5.6V SMD E2 500M	Item						4.0000 ea TOP
+-----+									
Location Net Quantity									
+-----+									
ZD3 1.0000									
ZD6 1.0000									
ZD8 1.0000									
ZD9 1.0000									
+-----+									
...4	420 01000250	200 OHM 1/10W 5% SMD (0805)	Item						2.0000 ea TOP
+-----+									
Location Net Quantity									
+-----+									
R67 1.0000									
R73 1.0000									
+-----+									
...4	430 05000007	RECOVERY RECTIFIER PIV=400V	Item						1.0000 ea TOP
+-----+									
Location Net Quantity									
+-----+									
D1 1.0000									
+-----+									
...4	440 05000147	ADJ ZENER REGULATOR 2.5V 280	Item						1.0000 ea TOP
+-----+									
Location Net Quantity									
+-----+									
Q10 1.0000									
+-----+									
...4	450 05000213	2.0A BRIDGE RECTIFIER CASE:2	Item						1.0000 ea TOP
+-----+									
Location Net Quantity									
+-----+									

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+-----+-----+	
Location	Net Quantity
+-----+-----+	

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553-0120; GREEN LED CIRCU	
+-----+	
Location	Net Quantity
+-----+	
LED1	1.0000

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+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+											
			+-BOM Text -----+								
			Mount LED so plastic housing is at edge of PCB								
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+											
...4	610	05000329	553-0130; YELLOW LED CIRCUIT	E-Item	1				1.0000	ea	TOP
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+											
			+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+								
			Location Net Quantity								
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+											
			LED2 1.0000								
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+											
			+-BOM Text -----+								
			Mount LED so plastic housing is at edge of PCB								
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+											
...4	620	05000328	553-0110; RED LED CIRCUIT BO	E-Item	1				1.0000	ea	TOP
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+											
			+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+								
			Location Net Quantity								
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+											
			LED3 1.0000								
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+											
			+-BOM Text -----+								
			Mount LED so plsatic housing is at edge of PCB								
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+											
...4	630	12000756	TAMPER SPRING; 16T OF 55-60	E-Item	001				1.0000	ea	
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+											
			+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+								
			Location Net Quantity								
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+											
			SW2 1.0000								
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+											
...4	640	12000166	RIVET SCREW HEX 3.5mm	Item					1.0000	ea	TOP
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+											
			+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+								
			Location Net Quantity								
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+											
			Q1 1.0000								
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+											
...4	650	05000195	DIODE SMD (MELF) DL4007 1A,	Item					1.0000	ea	TOP
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+											
			+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+								
			Location Net Quantity								
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+											
			D6 1.0000								
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+											
...4	660	01001007	150 OHM 5% 1/16W SMD (0603)	E-Item	001				1.0000	ea	TOP
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+											
			+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+								
			Location Net Quantity								
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+											
			R25 1.0000								
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+											
.2	120	88000020	BD1.3-6W; 6V@1.3AH SEALED LE	E-Item	001				1.0000	ea	
.2	130	88016008	CMM7700; CELLULAR MODEM MODU	E-Item	001				1.0000	ea	
1	70	88016007	CELLULAR ANTENNA; 824-896MH	E-Item	001				1.0000	ea	