

BOM NUMBER : LNKFIB-R01
 BOM DESCRIPTION: LSU, ALL SERVICES
 DATE : 09-18-2001
 QTY : 1.0000

REV : P1
 MODELNO:

UNCOSTED SINGLE LEVEL BOM REPORT

BOM/PART #	DESCRIPTION	QTY/ASSY	QTY REQ
ASY00111	LSU F.O. REMOTE UNIT	1.0000	1.0000
CAB000000128	CABLE, SEMI.141" SMA90M/SMA90M 20"	1.0000	1.0000
CAB000000129	CABLE, SEMI.141" SMA90M/SMA90M 25"	3.0000	3.0000
CAB000000157	CABLE, SEMI.141" SMAM/SMA90M 11.5"	2.0000	2.0000
FIB000000038	ANACOM AC300T FO TX MOD WI ALARMS	3.0000	3.0000
FIB000000039	ANACOM AC300R FO RX MOD WI ALARMS	3.0000	3.0000
FIL000000106	K&L CELL UP WI IDEN-REJ FILTER	1.0000	1.0000
FIL000000107	K&L PAGE UP WI CELL-REJ FILTER	1.0000	1.0000
FIL000000117	K&L WSDD-00006 IDEN,CELL,PAG DL FI	1.0000	1.0000

BOM NUMBER : ASY00111
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REV : P15
 MODELNO:

UNCOSTED SINGLE LEVEL BOM REPORT

BOM/PART #	DESCRIPTION	QTY/ASSY	QTY REQ
ASY00112	LINKnet LFON V.1 UL BD ASSY (SC	1.0000	1.0000
ASY00125	LINKnet LFON V.1 DL BD ASSY (SC	1.0000	1.0000
ASY00126	LINKnet LFON V.1 COMB BD ASSY (SC	1.0000	1.0000
ASY00127	LINKnet LFON V.1 CTRL BD ASSY (SC	1.0000	1.0000
CAB000000001	BDA CONTROLLER 60" DC POWER CABLE	1.0000	1.0000
CAB000000055	BDA CTRL, BATTERY CABLE, 60"	1.0000	1.0000
CAB000000127	CABLE, SEMI.141" SMA90M/SMA90M 13"	1.0000	1.0000
CAB000000128	CABLE, SEMI.141" SMA90M/SMA90M 20"	1.0000	1.0000
CAB000000129	CABLE, SEMI.141" SMA90M/SMA90M 25"	1.0000	1.0000
CAB000000132	CABLE, SEMI.141" SMA90M/SMA90M 34"	1.0000	1.0000
CAB000000157	CABLE, SEMI.141" SMAM/SMA90M 11.5"	2.0000	2.0000
CAB000000158	CABLE, SEMI.141" SMAM/SMA90M 5"	1.0000	1.0000
2 ARE FOR UPLINK BD FILTER BYPASS			
CAB000000166	CONTROLLER 20" DC POWER CABLE	1.0000	1.0000
CAB000000167	FAN CABLE 15" MALE-FEMALE	1.0000	1.0000
CAB000000168	FAN CABLE 55" MALE-FEMALE	1.0000	1.0000
CAB000000188	6" TONGUE SHUNT	1.0000	1.0000
FOR GROUNDING			
CAB000000211	QUALTEK IEC AC N-A POWER CORD	1.0000	1.0000
CAB000000217	Socket to Sock Conn,20p,36",MC,Cab	1.0000	1.0000
CAB000000218	Socket to Sock Conn,40p,36",MC,Cab	1.0000	1.0000
cab000000251	CABLE, SEMI.141" SMAM/SMA90M 17"	1.0000	1.0000
CAB000000252	CABLE, SEMI.141" SMAM/SMA90M 5.75"	1.0000	1.0000
CON000000115	MOLEX .062" 2PIN PLUG SHELL (FANS)	2.0000	2.0000
FOR USE WITH FANS.			
CON000000116	MOLEX PINS FOR CON000000115	4.0000	4.0000
FOR USE WITH CON000000115 AND FANS.			
CON000000252	QUALTEK IEC AC POWER INLET CLIP	1.0000	1.0000
CON000000263	MULTIFUNCTION AC INLET W/FILTER	1.0000	1.0000
DCA000000077	ASSY DOC FOR LINKNET LFON	0.0000	0.0000
DCA000000144	EXPLODED VIEW OF LSU FOR ASSY 1&2	0.0000	0.0000
DCA000000150	LSU BLOCK DIAGRAM	0.0000	0.0000
DCD000000011	FUNC SPEC, PD0009 LINKNET FO-DIST	0.0000	0.0000
DCM000000052	MANUAL FOR LINKNET LFON	1.0000	1.0000
DCT000000035	TEST PROC, LINKNET LFON	0.0000	0.0000
ENC000000053	ENCLOSURE, FOI DIST UNIT	1.0000	1.0000

DO NOT ORDER YET. CONTACT DAVE PONKA.

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UNCOSTED SINGLE LEVEL BOM REPORT

BOM/PART #	DESCRIPTION	QTY/ASSY	QTY REQ
FAN000000001	ROTRON MC24B3 24VDC MUFFIN FAN	2.0000	2.0000
FAN000000002	ROTRON FAN FINGER GUARD	2.0000	2.0000
	FOR FANS ON INSIDE OF CABINET		
FAN000000006	FILTER ASSEMBLY FOR 4.73"SQ. FANS	4.0000	4.0000
	FOR USE WITH FANS.		
FIB000000042	SYS CONC SC-SC BULKHEAD ADAPTER	6.0000	6.0000
FIL000000117	K&L WSDD-00006 IDEN,CELL,PAG DL FI	1.0000	1.0000
FUS000000025	3A 250V SLO-BLO FUSE	1.0000	1.0000
HDW000000033	SCREW, PHILIPS PAN 6-32 3/8" STEEL	8.0000	8.0000
	FOR MTG. NOTCH FILTERS		
HDW000000034	SCREW, PHILIPS PAN 8-32 3/8" STEEL	8.0000	8.0000
	FOR MOUNTING HEATSINK		
HDW000000037	SCREW, PHILIPS PAN 10-32 3/8" STL	19.0000	19.0000
	FOR GROUNDING, AC BOX MTG. & HEATSINK MTG		
HDW000000040	SCREW, PHILIPS PAN 8-32 1/4" STL	4.0000	4.0000
	FOR MTG POWER SUPPLY		
HDW000000044	SCREW, PHILIPS PAN 2-56 3/8" STL	12.0000	12.0000
	FOR MOUNTING FIBRE PASS-THROUGH CONNECTORS		
HDW000000046	WASHER, LOCK #2 0.035" STEEL	24.0000	24.0000
	FOR MOUNTING FIBRE PASS-THROUGH CONNECTORS		
HDW000000047	WASHER, LOCK #6 0.047" STEEL	8.0000	8.0000
	FOR MTG. NOTCH FILTERS		
HDW000000048	WASHER, LOCK #8 0.055" STEEL	12.0000	12.0000
	FOR MTG. POWER SUPPLY & HEATSINK		
HDW000000049	WASHER, LOCK #10 0.062" STEEL	18.0000	18.0000
	FOR MTG. AC BOX & HEATSINK		
HDW000000054	LOCKNUT, 10-32 STEEL	5.0000	5.0000
	FOR CABINET GROUNDING		
HDW000000095	WASHER, LOCK #4 0.040" STEEL	85.0000	85.0000
	FOR MTG. CONTROL, UPLINK & DOWNLINK PCB'S ALSO FOR MTG THE UPLINK COVER		
HDW000000106	8-32 TOOTH LOCK NUT	16.0000	16.0000
	FOR MOUNTING FAN/FILTER ASSEMBLIES AND FILTER ASSEMBLIES		
HDW000000110	4-40 1/4" PHILIPS, PAN HEAD	89.0000	89.0000
	FOR MTG. CONTROL, UPLINK & DOWNLINK PCB'S, UPLINK COVER AND ANACOM FIBRE MODULES		
HDW000000141	#10 FLAT STEEL WASHER	10.0000	10.0000
	FOR CABINET GROUNDING		

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BOM/PART #	DESCRIPTION	QTY/ASSY	QTY REQ
HDW000000149	SPACER HEX #4-40 0.500"	6.0000	6.0000
	FOR ANACOM FIBRE MODULES		
HDW000000171	HANDLE, RECESSED BLACK LIFT	2.0000	2.0000
HDW000000172	SPACER, CUSTOM #6 X 0.70"	10.0000	10.0000
	FOR MOUNTING COMBINER PCB		
HDW000000179	NUT, 6-32 TOOTH LOCKNUT	10.0000	10.0000
	FOR FASTENING COMBINER PCB		
HDW000000180	NUT, 2-56 HEX NUT	12.0000	12.0000
	FOR MOUNTING FIBRE PASS-THROUGH CONNECTORS		
HDW000000182	SCREW, PHILLIPS FLAT 8-32x1/2" STL	8.0000	8.0000
	FOR MOUNTING FILTER ASSEMBLIES		
HDW000000183	NUT, FLANGE HEX LOCKNUT 3/8-16 STL	4.0000	4.0000
	FOR MOUNTING CABINET SUBPANEL		
HDW000000199	SCREW, PHILLIPS FLAT 8-32x2.0 STL	8.0000	8.0000
	FOR MOUNTING FAN & FILTER ASSEMBLIES		
HDW000000217	1/4" POLY FLEXIBLE SPLIT TUBING	24.0000	24.0000
HDW000000228	QUARTER TURN SWELL ACTION FASTENER	8.0000	8.0000
HDW000000229	INSTALLATION TOOL, SWELL FASTENER	0.0000	0.0000
HSK000000012	LFON HEATSINK DETAILS	1.0000	1.0000
ICRMHL19338	MOT MHL19338 POWER MODULE	1.0000	1.0000
	USED ON ASY00125		
ICRMHL9838	MOT MHL9838 800-925MHZ 8W MODULE	1.0000	1.0000
	USED ON ASY00125		
LAB000000023	LABEL, FCC/IC FOR LINKNET LNKFIB-R	1.0000	1.0000
LAB000000024	SATELLINK RF PORTS LABEL	1.0000	1.0000
LAB000000025	SATELLINK FIBRE PORT LABEL	1.0000	1.0000
LAB000000026	SATELLINK LED & DATA LABEL	1.0000	1.0000
LED000000016	LENSES, PANEL MOUNT LED	3.0000	3.0000
MEC000000174	LFON SUBPANEL DETAILS	1.0000	1.0000
	DO NOT ORDER YET. CONTACT DAVE PONKA		
MEC000000186	SUBPANEL HEATSINK BRACKET LEFT SID	2.0000	2.0000
	FOR USE WITH HEATSINK AND DOWNLINK FILTER		
MEC000000187	SUBPANEL HEATSINK BRACKET RIGHT SI	2.0000	2.0000
	FOR USE WITH HEATSINK AND DOWNLINK FILTER		
MEC000000225	LSU FILTER MTG BRACKET	2.0000	2.0000
MEC000000243	MTG BRKT FOR LSU-FIL000000117	1.0000	1.0000

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BOM/PART #	DESCRIPTION	QTY/ASSY	QTY REQ
PSP000000004	MAP130 24V 6.2A POWER SUPPLY	1.0000	1.0000
SLK000000006	SMALL SILKSCREEN KAVAL LOGO	0.0000	0.0000
	FOR APPLICATION TO ENCLOSURE.		
WIR000000020	2-CONDUCTOR CABLE, 16AWG, STRANDED	72.0000	72.0000
	FOR USE WITH FANS.		

BOM NUMBER : ASY00112 REV : P8
 BOM DESCRIPTION: LINKnet LFON V.1 UL BD ASSY (SC) MODELNO:
 DATE : 09-18-2001
 QTY : 1.0000

UNCOSTED SINGLE LEVEL BOM REPORT

BOM/PART #	DESCRIPTION	QTY/ASSY	QTY REQ
CAP007PS02CH	CAP 7PF COG 50V 0805SMD	10.0000	10.0000
	C2,6,9,10,12,14,15,17,18,28		
CAP010NS02CH	CAP 10NF X7R 0805SMD	22.0000	22.0000
	C3,7,13,22,27,38,40,45,70,79,100,109,121,122,123,125,126,128,129,131,132,141		
CAP010US20-F	CAP ELEC. 10UF 25V, C-PACK SMD	15.0000	15.0000
	C4,8,16,23,29,33,41,46,63,73,93,103,124,127,130		
CAP033PS02AH	CAP 33PF, 50V, NPO, CER 0805SMD	30.0000	30.0000
	C19,21,24,26,30,31,35,36,37,39,42,44,47,53,61,66,67,69,71,76,77,83,91,96,97,99, 101,106,107,113		
CAP100NS02AH	CAP 100NF, 50V, NPO, CER 0805SMD	9.0000	9.0000
	C20,25,32,34,43,62,72,92,102		
CAP100NS02CH	CAP 100NF, 50V, X7R, CER 0805SMD	9.0000	9.0000
	C20,25,32,34,43,62,72,92,102		
CAP100PS03BF	CAP 100P 25V COG CER 0805SMD	3.0000	3.0000
	C1,5,11		
CAP220PS02AH	CAP 220P, 50V, COG, 0805SMD	9.0000	9.0000
	C133-C140,142		
COM000000003	MINI-CIRCUITS BP2C COMBINER	3.0000	3.0000
	SPL1,2,3		
CON000000204	SMB PCB STRAIGHT JACK	3.0000	3.0000
	J5,6,7		
CON000000207	SAMTEC 10PIN 2 ROW SOCKET HDR	3.0000	3.0000
	J17,24,25		
CON000000208	SMA JACK FEMALE STRAIGHT PCB MNT	6.0000	6.0000
	J1-4,8,10		
CON000000253	Lock/Eject HEADER, 2-ROW, 20 PINS	1.0000	1.0000
	J9		
CON000000255	Ejector Latches for Latch Headers	2.0000	2.0000
	To be snapped to J9, after assembly.		
DCA000000078	ASSY DOC FOR LFON UPLINK BD	0.0000	0.0000
DCA000000120	GENERIC BOARD ASSY INFO	0.0000	0.0000
DCT000000036	TEST PROC, LINKNET LFON UPLINK BD	0.0000	0.0000
DIOSMP1330-5	ALPHA DUAL PIN DIODE	3.0000	3.0000
	D1,2,3		
FIL000000087	LARK 5SD1880-X60-5CC PCS DIELECTRI	3.0000	3.0000
	FIL10,11,12		
FIL000000096	LARK CELL UPLINK DIELECTRIC FILTER	3.0000	3.0000
	FIL1,2,7		

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UNCOSTED SINGLE LEVEL BOM REPORT

BOM/PART #	DESCRIPTION	QTY/ASSY	QTY REQ
FIL000000098	LARK IDEN UPLINK DIELECTRIC FILTER	3.0000	3.0000
FIL3,5,6			
FIL000000100	LARK PAGE UPLINK DIELECTRIC FILTER	3.0000	3.0000
FIL4,8,9			
ICDDS2436Z	DALLAS DS2436Z ESN/TEMP/EE DEVICE	1.0000	1.0000
U3			
ICRSGA-4586	RF MMIC AMP, SGA-4586	4.0000	4.0000
U1,8,12,16			
ICRSGA-5586	RF MMIC AMP, 23DB, SGA-5586	3.0000	3.0000
U2,13,17			
ICRSGA-6286	RF MMIC AMP, 12DB, SGA-6286	5.0000	5.0000
U4,5,6,7,9,			
IND068NS02	IND 68NH 10% MOLDED 0805SMD	9.0000	9.0000
L1,2,3,4,5,6,7,9,10			
MEC000000189	SHIELD CAN 1.25X3.40X0.375	2.0000	2.0000
MEC000000190	SHIELD CAN 1.25X2.85X0.375	5.0000	5.0000
MEC000000226	LSU SHIELD CAN 1.25X3.75X0.4375	1.0000	1.0000
PCB000000055	PCB, FIB.REM.UNIT UPLINK, REV.2	1.0000	1.0000
RES0000RS02A	RES 0R, 5%, 0805	3.0000	3.0000
R1,28,58			
RES0001KS02A	RES 1K, 5%, 0805SMD	6.0000	6.0000
R61,65,66,70,74,75			
RES0018RS02A	RES 18R, 5%, 0805	1.0000	1.0000
R43			
RES0027RS01A	RES 27R, 5%, 1206	8.0000	8.0000
R9,12,15,21,24,27,36,51			
RES0033RS02A	RES 33R, 5%, 0805SMD	1.0000	1.0000
R77			
RES0039RS01A	RES 39R, 5%, 1206	10.0000	10.0000
R10,11,13,14,19,20,22,23,25,26			
RES0047RS01A	RES 47R, 5%, 1206	4.0000	4.0000
R6,18,33,48			
RES0051RS01A	RES 51R, 5%, 1206	10.0000	10.0000
R5,7,8,17,32,34,35,47,49,50			
RES0082RS01A	RES 82R, 5%, 1206	4.0000	4.0000
R4,16,31,46			

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BOM/PART #	DESCRIPTION	QTY/ASSY	QTY REQ
RES0300RS02A	RES 300R, 5%, 0805SMD	2.0000	2.0000
R44,45			
RES1800RS02A	RES 1.8K, 5%, 0805SMD	3.0000	3.0000
R62,67,71			
RES2200RS02A	RES 2.2K, 5%, 0805SMD	1.0000	1.0000
R78			
RES2700RS02A	RES 2.7K, 5%, 0805SMD	1.0000	1.0000
R79			
RES4700RS02A	RES 4.7K, 5%, 0805SMD	7.0000	7.0000
R63,64,68,69,72,73,76			
SCH000000039	SCHEM, FIB.REM.UNIT UPLINK	0.0000	0.0000
TRA4401S10	TRANS SIG MMBT4401 SOT23	3.0000	3.0000
Q8,10,12			
TRA4403S10	TRANS SIG MMBT4403 SOT23	3.0000	3.0000
Q6,9,11			

BOM NUMBER : ASY00125 REV : P7
 BOM DESCRIPTION: LINKnet LFON V.1 DL BD ASSY (SC) MODELNO:
 DATE : 09-18-2001
 QTY : 1.0000

UNCOSTED SINGLE LEVEL BOM REPORT

BOM/PART #	DESCRIPTION	QTY/ASSY	QTY REQ
CAP0.8PS99FL C41,51	CAP 0.8PF NPO SMD ATC650 SERIES	2.0000	2.0000
CAP007PS02CH C1,2,4,5,6,7,8,18,19,47,48,52	CAP 7PF COG 50V 0805SMD	12.0000	12.0000
CAP010NS02CH C3,9,13,14,24,33,34,40,49,57,58,60,61, 92,93,94,115,141,154,157,159,182	CAP 10NF X7R 0805SMD	22.0000	22.0000
CAP010US20-F C11,22,28,32,39,50,114,140	CAP ELEC. 10UF 25V, C-PACK SMD	8.0000	8.0000
CAP033PS02AH C20,23,25,26,29,30,35,36,37,42,43,45,91,95,100,105,111,112,118,119,122,124,126, 131,137,138,144,145,148,150,152,153,156	CAP 33PF, 50V, NPO, CER 0805SMD	33.0000	33.0000
CAP047US99-H C15,16,97,98	CAP 47UF, 50V, ELEC SMD	4.0000	4.0000
CAP1.5PS99FL C44	CAP 1.5PF NPO SMD ATC650 SERIES	1.0000	1.0000
CAP100NS02AH C17,21,27,31,38,59,99,113,139,155,158, 183,184	CAP 100NF, 50V, NPO, CER 0805SMD	13.0000	13.0000
CAP100NS02CH C17,21,27,31,38,59,99,113,139,155, C158,183,184	CAP 100NF, 50V, X7R, CER 0805SMD	13.0000	13.0000
CAP100PS02AH C10,46,56	CAP 100PF, 50V, NPO, CER 0805SMD	3.0000	3.0000
CAP220PS02AH C12,62-87,96,160-181	CAP 220P, 50V, COG, 0805SMD	50.0000	50.0000
CAP3.3PS99AZ C88,90	CAP 3.3PF NPO SMD ATC100B +/- .1P	2.0000	2.0000
CAP5.6PS99AZ C89	CAP 5.6PF NPO SMD ATC100B +/- .1PF	1.0000	1.0000
COM000000003 SPL1,2,3	MINI-CIRCUITS BP2C COMBINER	3.0000	3.0000
CON000000204 J2,3,8	SMB PCB STRAIGHT JACK	3.0000	3.0000
CON000000207 J5,6,9	SAMTEC 10PIN 2 ROW SOCKET HDR	3.0000	3.0000

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BOM/PART #	DESCRIPTION	QTY/ASSY	QTY REQ
CON000000208	SMA JACK FEMALE STRAIGHT PCB MNT	2.0000	2.0000
J1,7			
CON000000254	Lock/Eject HEADER, 2-ROW, 40 PINS	1.0000	1.0000
J4			
CON000000255	Ejector Latches for Latch Headers	2.0000	2.0000
To snap it to J4, after assembly			
DCA000000079	ASSY DOC FOR LFON DOWNLINK BD	0.0000	0.0000
DCA000000120	GENERIC BOARD ASSY INFO	0.0000	0.0000
DCT000000037	TEST PROC, LINKNET LFON DNLINK BD	0.0000	0.0000
FIL000000086	LARK 5SD1960-X60-5CC PCS DIELECTRI	3.0000	3.0000
FIL10-12			
FIL000000097	LARK CELL DNLINK DIELECTRIC FILTER	3.0000	3.0000
FIL1,2,3			
FIL000000099	LARK IDEN DNLINK DIELECTRIC FILTER	3.0000	3.0000
FIL4,5,6			
FIL000000101	LARK PAGE DNLINK DIELECTRIC FILTER	3.0000	3.0000
FIL7,8,9			
ICAHMC306MS1	DIGITAL ATT .8-4GHZ HMC306MS10	4.0000	4.0000
U4,8,18,22			
ICALM324M	QUAD OPAMP LM324D SOIC14, NATIONAL	2.0000	2.0000
U3,13			
ICDDS2436Z	DALLAS DS2436Z ESN/TEMP/EE DEVICE	1.0000	1.0000
U10			
ICRSGA-5586	RF MMIC AMP, 23DB, SGA-5586	4.0000	4.0000
U7,9,17,21			
ICRSGA-6286	RF MMIC AMP, 12DB, SGA-6286	2.0000	2.0000
U2,5			
ICRSGA-6486	RF MMIC AMP, 20DB, SGA-6486	1.0000	1.0000
U6			
ICRSGA-6586	RF MMIC AMP, 25DB, SGA-6586	1.0000	1.0000
U11			
IND068NS02	IND 68NH 10% MOLDED 0805SMD	6.0000	6.0000
L2,3,4,7,8,10			
IND9.9NS99	IND 9.85NH SMD1606 COILCRAFT, 5%	2.0000	2.0000
L5,6			

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BOM/PART #	DESCRIPTION	QTY/ASSY	QTY REQ
MEC000000102	OFR-1000 SHIELD CAN 1.25X2.5X0.375	3.0000	3.0000
MEC000000192	SHIELD CAN 1.50X2.25X0.375	1.0000	1.0000
MEC000000193	SHIELD CAN 1.50X2.50X0.375	2.0000	2.0000
MEC000000226	LSU SHIELD CAN 1.25X3.75X0.4375	1.0000	1.0000
MEC000000227	LSU SHIELD CAN 1.50X3.00X0.4375	3.0000	3.0000
PCB000000063	PCB, FIB.REM.UNIT DNLINK, REV.2	1.0000	1.0000
RES0000RS02A	RES 0R, 5%, 0805	1.0000	1.0000
R70			
RES0001KS02A	RES 1K, 5%, 0805SMD	29.0000	29.0000
R3,21,22,23,24,25,36,37,38,39,42,48,49, 50,51,52,78,79,80,81,82,91,92,93,94,95, 102-104			
RES0010KS02A	RES 10K, 5%, 0805SMD	14.0000	14.0000
R6,8,11,12,13,19,20,55,56,58,60,63,64,65			
RES0027KS02A	RES 27K, 5%, 0805SMD	4.0000	4.0000
R5,7,57,59			
RES0027RS01A	RES 27R, 5%, 1206	6.0000	6.0000
R28,31,35,45,77,90			
RES0027RS02A	RES 27R, 5%, 0805	3.0000	3.0000
R34,44,85			
RES0030RS01A	RES 30R, 5%, 1206	6.0000	6.0000
R32,72,73,74,85,86			
RES0033RS02A	RES 33R, 5%, 0805SMD	1.0000	1.0000
R106			
RES0039RS01A	RES 39R, 5%, 1206	4.0000	4.0000
R1,2,29,30			
RES0051RS01A	RES 51R, 5%, 1206	8.0000	8.0000
R33,34,43,44,75,76,88,89			
RES02.2RS01A	RES 2.2R, 5%, 1206	5.0000	5.0000
R14,15,66,67,68			
RES0220KS02A	RES 220K, 5%, 0805SMD	2.0000	2.0000
R10,62			
RES1300RS02A	RES 1.3K, 5%, 0805SMD	4.0000	4.0000
R46,47,98,101			
RES2200RS02A	RES 2.2K, 5%, 0805SMD	1.0000	1.0000
R107			

BOM NUMBER : ASY00125 REV : P7
 BOM DESCRIPTION: LINKnet LFON V.1 DL BD ASSY (SC) MODELNO:
 DATE : 09-18-2001
 QTY : 1.0000

UNCOSTED SINGLE LEVEL BOM REPORT

BOM/PART #	DESCRIPTION	QTY/ASSY	QTY REQ
RES2700RS02A	RES 2.7K, 5%, 0805SMD	9.0000	9.0000
	R26,27,40,41,96,97,99,100,108		
RES4700RS02A	RES 4.7K, 5%, 0805SMD	3.0000	3.0000
	R18,54,105		
RES5600RS02A	RES 5.6K, 5%, 0805SMD	2.0000	2.0000
	R4,53		
RES8200RS02A	RES 8.2K, 5%, 0805SMD	2.0000	2.0000
	R9,61		
SCH000000046	SCHEM, FIB.REM.UNIT DNLINK	0.0000	0.0000
TRA4401S10	TRANS SIG MMBT4401 SOT23	2.0000	2.0000
	Q2,4		
TRAIRFR9024N	D-PAK SMD P-CHANNEL POWER MOSFET	2.0000	2.0000
	Q1,3		

BOM NUMBER : ASY00126 REV : P1
 BOM DESCRIPTION: LINKnet LFON V.1 COMB BD ASSY (SC) MODELNO:
 DATE : 09-18-2001
 QTY : 1.0000

UNCOSTED SINGLE LEVEL BOM REPORT

BOM/PART #	DESCRIPTION	QTY/ASSY	QTY REQ
CON000000208	SMA JACK FEMALE STRAIGHT PCB MNT	4.0000	4.0000
J1-J4			
CON000000216	PCB-MT SMA BULKHD CONN, LONG SPACER	8.0000	8.0000
J5-12 (BACK OF PCB)			
DCA000000080	ASSY DOC FOR LFON COMBINER BD	0.0000	0.0000
DCA000000120	GENERIC BOARD ASSY INFO	0.0000	0.0000
DCT000000038	TEST PROC, LINKNET LFON COMB BD	0.0000	0.0000
PCB000000064	PCB, FIB.REM.UNIT COMBINER, REV.1	1.0000	1.0000
(Before placing further orders, contact Prasad)			
PWS3DBHYBSMD	3DB HYBRID COUPLER 100W SMD 1-2GHz	6.0000	6.0000
SPL1-6			
RES0001KS02A	RES 1K, 5%, 0805SMD	2.0000	2.0000
R1,3			
RES0051RS02A	RES 51R, 5%, 0805SMD	2.0000	2.0000
R2,R4			
RES0051RS11A	RES 51R, 5%, 2512SMD	2.0000	2.0000
R5,6			
SCH000000047	SCHEM, FIB.REM.UNIT COMBINER	0.0000	0.0000

BOM NUMBER : ASY00127

REV : P6

BOM DESCRIPTION: LINKnet LFON V.1 CTRL BD ASSY (SC)

MODELNO:

DATE : 09-18-2001

QTY : 1.0000

UN COSTED SINGLE LEVEL BOM REPORT

BOM/PART #	DESCRIPTION	QTY/ASSY	QTY REQ
CAP001ME01-G	CAP LYTIC AXIAL 1000UF, 35V	1.0000	1.0000
C15			
CAP010NL06-F	CAP 10N POLY CAP	6.0000	6.0000
C13,16,17,19,22,24			
CAP010NS02CH	CAP 10NF X7R 0805SMD	27.0000	27.0000
C6,9,20,25,28,29,31-34,40-51,61-65			
CAP010US04-D	CAP TANT 10UF 16V 20% 3528SMD	4.0000	4.0000
C8,30,66,67			
CAP010UT01-F	CAP 10U TANT LEADED	1.0000	1.0000
C12			
CAP033US21-F	CAP ELEC. 33UF 25V, D-PACK SMD	6.0000	6.0000
C3,21,26,27,70,71			
CAP100NS02CH	CAP 100NF, 50V, X7R, CER 0805SMD	15.0000	15.0000
C1,4,35-39,52-57,68-69			
CAP100PS02AH	CAP 100PF, 50V, NPO, CER 0805SMD	4.0000	4.0000
C2,5,7,10			
CAP100UE01-F	CAP 100UF, 25V, EL RADIAL	3.0000	3.0000
C14,18,23			
CON000000008	MATE-N-LOCK 2-PIN PCB RT HEADER	2.0000	2.0000
J1,2			
CON000000117	MOLEX .062" 2PIN RECP SHELL (FANS)	2.0000	2.0000
J9,10			
CON000000148	DB15 FEM PCB STRAIGHT MOUNT	1.0000	1.0000
J3 (BACK OF PCB)			
CON000000199	OPEN 0.1" HEADER, 2-ROW, 72 PINS	2.0000	2.0000
J4,8			
CON000000217	MOLEX PCB SOCKETS FOR CON000000117	4.0000	4.0000
J9,10			
CON000000218	DB9 FEM PCB STRAIGHT MOUNT	1.0000	1.0000
J7 (BACK OF PCB)			
CON000000253	Lock/Eject HEADER, 2-ROW, 20 PINS	1.0000	1.0000
J6			
CON000000254	Lock/Eject HEADER, 2-ROW, 40 PINS	2.0000	2.0000
J5			
CON000000255	Ejector Latches for Latch Headers	4.0000	4.0000

These are to be snapped to J5,6 after

BOM NUMBER : ASY00127

REV : P6

BOM DESCRIPTION: LINKnet LFON V.1 CTRL BD ASSY (SC)

MODELNO:

DATE : 09-18-2001

QTY : 1.0000

UNCOSTED SINGLE LEVEL BOM REPORT

BOM/PART #	DESCRIPTION	QTY/ASSY	QTY REQ
	the assembly. This is to be done by the Board Assembly Sub-Contractor.		
DCA000000081	ASSY DOC FOR LFON CONTROL BD	0.0000	0.0000
DCA000000120	GENERIC BOARD ASSY INFO	0.0000	0.0000
DCT000000039	TEST PROC, LINKNET LFON CONTROL BD	0.0000	0.0000
DIO1N4002S99	DIODE PWR 1N4002 100V 1A SMD	6.0000	6.0000
D1,2, 11-14			
DIO1N5819S99	DIODE SHOTTKY 1N5819 40V 1A SMD	1.0000	1.0000
D3			
DIOICTE-5	ICTE-5 6V FAST ZENER, LG PACKAGE	1.0000	1.0000
D6			
DIOMMBD914LT	DIODE HI SPEED SWITCH SOT-23	1.0000	1.0000
D20			
DIOMR751	DIODE, MOTOROLA MR751, LEADED	2.0000	2.0000
D4,5			
HDW000000006	UNC HEXAGON NUT #4-40	4.0000	4.0000
J1,2			
HDW000000008	SCREW MACH #4-40 PHILIPS 3/8"	4.0000	4.0000
J1,2			
ICA29372BU	MICREL MIC29372BU VOLTAGE REG, SMD	1.0000	1.0000
U1			
ICA6N137QT	HIGH SPEED OPTOCOUPLER,SINGLE CHNN	2.0000	2.0000
U22,26			
ICADCP010512	DC-DC CONVERTER,5V/12V,1W,14PDIP	1.0000	1.0000
U24			
ICALM358M	DUAL OP AMP LM358M SOIC8	1.0000	1.0000
U29			
ICALM78M05	VOLT REG LM78M05	1.0000	1.0000
U25			
ICAMAX232ACW	RS232 XCVR MAX232ACWE SOIC-WIDE	1.0000	1.0000
U9			
ICAPT5101A	POWER TRENDS 5V SWITCH REGULATOR	1.0000	1.0000
U5			
ICAPT5102A	POWER TRENDS 12V SWITCH REGULATOR	3.0000	3.0000
U2,3,4			
ICAZRB500N8	VOLT REF 5.0V ZRB500N8	1.0000	1.0000
U10			

BOM NUMBER : ASY00127

REV : P6

BOM DESCRIPTION: LINKnet LFON V.1 CTRL BD ASSY (SC)

MODELNO:

DATE : 09-18-2001

QTY : 1.0000

UN COSTED SINGLE LEVEL BOM REPORT

BOM/PART #	DESCRIPTION	QTY/ASSY	QTY REQ
ICD68912D60P	MOTOROLA XC68HC912D60CPV8 UP	1.0000	1.0000
U6			
ICD74HC04D	74HC04 HEX INV, SOIC14	1.0000	1.0000
U27			
ICD74HC244WM	BUFFER-8 74HC244 SOIC20	1.0000	1.0000
U28			
ICD74HC273WM	LATCH-8 74HC273 SOIC20	5.0000	5.0000
U17-21			
ICDDS1811R-5	DALLAS DS1811R-5 RESET MONITOR	1.0000	1.0000
U7			
ICDDS2436Z	DALLAS DS2436Z ESN/TEMP/EE DEVICE	1.0000	1.0000
U8			
ICDMCP2510IS	MICROCHIP MCP2510ISO CAN CONTROLLE	1.0000	1.0000
U13			
ICDUC5350D	UNITRODE UC5350D CAN XCVR	2.0000	2.0000
U11,12			
IND027US97	INDUCTOR 27UH, SMD, 1.8A	2.0000	2.0000
L1,2			
LED000000017	AMBER LED, T-1-3/4 LONG LEADS 25MM	1.0000	1.0000
D10			
LED000000019	RED LED, T-1-3/4 LONG LEADS 25MM	1.0000	1.0000
D8			
LED000000020	GREEN LED, T-1-3/4 LONG LEADS 25MM	2.0000	2.0000
D7,9			
PCB000000065	PCB, FIB.REM.UNIT CONTROL, REV.2	1.0000	1.0000
REL000000007	RELAY, SMD, DPDT, 24V, TX2SA-24V	1.0000	1.0000
K1			
RES0000RS02A	RES 0R, 5%, 0805	1.0000	1.0000
R145			
RES0001KS02A	RES 1K, 5%, 0805SMD	2.0000	2.0000
R4,5			
RES0001KS02B	RES 1K, 1%, 0805SMD	6.0000	6.0000
R125,127,129,131,133,135			
RES0001MS02A	RES 1M, 5%, 0805SMD	8.0000	8.0000
R81-88			
RES0001RS02A	RES 1R, 5%, 0805SMD	3.0000	3.0000
R53,54,65			

BOM NUMBER : ASY00127

REV : P6

BOM DESCRIPTION: LINKnet LFON V.1 CTRL BD ASSY (SC)

MODELNO:

DATE : 09-18-2001

QTY : 1.0000

UNCONSTED SINGLE LEVEL BOM REPORT

BOM/PART #	DESCRIPTION	QTY/ASSY	QTY REQ
RES0001RS11A	RES 1R, 5%, 2512SMD		2.0000
R153,154			2.0000
RES0010KS02A	RES 10K, 5%, 0805SMD		8.0000
R6,7,50,67,71,72,115,116			8.0000
RES0010KS02B	RES 10K, 1%, 0805SMD		1.0000
R1			1.0000
RES0010RS02A	RES 10R, 5%, 0805SMD		1.0000
R10			1.0000
RES0033RS02A	RES 33R, 5%, 0805SMD		2.0000
R118,119			2.0000
RES0047KS02A	RES 47K, 5%, 0805SMD		16.0000
R107-114,149-152,155-158			16.0000
RES0068RS02A	RES 68R, 5%, 0805SMD		2.0000
R52,117			2.0000
RES0100KS02A	RES 100K, 5%, 0805SMD		26.0000
R73-80,89-106			26.0000
RES0100RR06A	RESISTOR, 3W LEADED, 100R, 5%		4.0000
R11,121-123			4.0000
RES0100RS02A	RES 100R, 5%, 0805SMD		33.0000
R17-49			33.0000
RES0330RS02A	RES 330R, 5%, 0805		3.0000
R142-144			3.0000
RES0470RS02A	RES 470R, 5%, 0805SMD		4.0000
R56,59,62,120			4.0000
RES1500RS02A	RES 1.5K, 5%, 0805SMD		1.0000
R55			1.0000
RES1740RS02B	RES 1.74K, 1%, 0805SMD		1.0000
R3			1.0000
RES3240RS02B	RES 3.24K, 1%, 0805SMD		1.0000
R2			1.0000
RES4700RS02A	RES 4.7K, 5%, 0805SMD		9.0000
R8,9,51,57,58,60,61,63,64			9.0000
RES9091RS02B	RES 9.09K, 1%, 0805SMD		6.0000
R124,126,128,130,132,134			6.0000
SCH000000048	SCHEM, FIB.REM.UNIT CONTROL		0.0000
SWI000000012	HEX ROTARY DIP SWITCH		2.0000
SW1,2 (BACK OF PCB)			2.0000

BOM NUMBER : ASY00127 REV : P6
BOM DESCRIPTION: LINKnet LFON V.1 CTRL BD ASSY (SC) MODELNO:
DATE : 09-18-2001
QTY : 1.0000

UNCOSTED SINGLE LEVEL BOM REPORT

BOM/PART #	DESCRIPTION	QTY/ASSY	QTY REQ
TRA4401S10	TRANS SIG MMBT4401 SOT23	5.0000	5.0000
Q1, 3-6			
TRA4403S10	TRANS SIG MMBT4403 SOT23	1.0000	1.0000
Q2			
TRAIRF7103	TRANS HEXFET IRF7103	1.0000	1.0000
Q7			
XTL000000014	SMD 16MHZ CLK OSC, 5V, TTL, 100PPM	1.0000	1.0000
U23			

BOM NUMBER : lnkfib-h01
BOM DESCRIPTION: LINKNET ANACOM BASE-4 FO HEAD-END
DATE : 09-18-2001
QTY : 1.0000

REV :
MODELNO:

UNCOSTED SINGLE LEVEL BOM REPORT

BOM/PART #	DESCRIPTION	QTY/ASSY	QTY REQ
DCT000000057	LNKFIB-H01 TEST PROCEDURE	0.0000	0.0000
FIB000000012	ANACOM AC1206LMK4A FO MOD	1.0000	1.0000