

ASSEMBLY 100-0024-01 [C3 BASE]

BOM

Rev

Effective from

to

(1) ECO1792

Part Number	Item Description	Rev	Item Num	Qty	Ref Des	BOM Notes
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190-3410-01	ASSEMBLY, C3, BASE		10	1		
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430-0062-01	CASE, BASE, LOWER, C3		20	1		
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430-0063-01	CASE, BASE, UPPER, C3		30	1		
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430-0056-01	LIGHTPIPE, BASE, C3		40	1		
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370-0033-01	BARREL, PLUG, BASE, C3		50	1		
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390-0042-01	ASSEMBLY, DC PLUG, W/ LEADWIRE		60	1		
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440-0002-01	CASTING, BASE, MODEM, C3		70	1		
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240-0030-01	SCREW, 2-56 X 5/8 PHIL FLAT MACH SS		80	4		
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240-0031-01	SCREW, #2-56, X 5/16, PAN, MACH, ZINC PLATED		90	2		
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220-0053-01	LABEL, BASE, MAIN, C3		100	1		
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220-0054-01	LABEL, BASE, PLUG DIAGRAM, C3		110	1		
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370-0034-01	BUMPER, FLAT TOP, 1/2 DIA, 9/64 TALL, POLYURETHANE DUR 65A BLACK.		120	4		
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030-0060-01	CAPACITOR, 47UF, 20%, 20V, 7343	0 MCO016	1	1	CT3	
030-0092-01	CAPACITOR, 47UF, 20%, 6.3V, LOW ESR, 3216	MCO189	2	3	C1, C28, C30	
030-0002-01	CAP, 0.1UF, 10%, 16V, 0603	0 MCO098	3	14	C2, C6, C8, C10, C16, C17, C20-C25, C29, C33	
030-0044-01	CAPACITOR, 10PF, +/- .5PF, 50V, 0603	0 MCO015	4	2	C3, C4	
030-0055-01	CAP, 6.8UF, 10%, 4V, 0603	0 MCO097	5	2	C7, C27	
030-0042-01	CAPACITOR, 1000PF, 10%, 3KV, LEADED	0 MCO169	8	2	C18, C19	
030-0074-01	CAPACITOR, 100UF, 10%, 20V, 7343-20	1 MCO130	9	1	C31	
140-0004-01	LED, RED/GREEN, 0603	MCO194	10	1	D1	
090-0006-01	RECTIFIER, POWER, SHOTTKY, SOD-123	0 ECO704	11	2	D2, D3	
140-0003-01	LED, GREEN, 0603	0 MCO056	12	4	D7-D10	
090-0035-01	DIODE PACK, QUAD LOW CAPACITANCE, TRANSIL, SOT-666	MCO194	13	1	D5	
090-0036-01	DIODE, PROTECTION, 400W, 15V, SMD	A ECO184 5	14	1	D6	
120-0006-01	FERRITE BEAD, ARRAY TYPE, 0603, 600 OHMS, 1 CKT	0 MCO164	16	1	FB1	
070-0070-01	CONN, MODULAR JACK, PCB MT, 6P	0 MCO003	17	2	JR1, JR2	
070-0013-01	CONN, DC POWER JACK	0 MCO003	18	1	J4	
120-0007-01	FERRITE BEAD, POWER, 1206, 600 OHMS	0 MCO102	20	4	L1, L3-L5	
145-0036-01	INDUCTOR, 10UH, 20%	1 MCO164	21	1	L2	
230-0016-01	RES, 0 OHM, 1%, 1/16W, 0603	A ECO162 5	22	3	L6, R12, R13	
165-0003-01	MOSFET, SMALL SIGNAL, 115 MA, 60V	A ECO166 1	24	2	Q1, Q2	
230-0190-01	RESISTOR, 150OHM, 1%, 1/10W, 0603	MCO194	28	2	R5, R19	
230-0154-01	RESISTOR, 2M, 1%, 1/16W, 0603	MCO189	29	1	R41	
230-0031-01	RESISTOR, 31.6KOHM, 1% 1/16W, 0603	0 MCO104	31	1	R15	
230-0028-01	RESISTOR, 200OHM, 1% 1/16W, 0603	0 MCO103	34	4	R25-R28	

ASSEMBLY 190-3410-01 [ASSEMBLY, C3, BASE]

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285-0001-01	PTC, 600V, 3A, 300MA TRIP, RADIAL	0 ECO706	35	1	R29	
230-0007-01	RES,1003,1%,1/16W, 0603	A ECO168 1	36	2	R30, R39	
230-0001-01	RESISTOR, 10K, $\pm 1\%$, 1/16W, 0603	A ECO166 1	38	13	R17, R32, R37, R38, R40, R44-R51	
090-0011-01	DIODE, SIDACTOR, 275V, SURGE SUPP	0 ECO706	39	1	SD1	
380-0019-01	SPEAKER, MAGNETIC, SMT-753		40	1	SPK1	
280-0016-01	SWITCH, ON/OFF, MONITOR, PTS525SM10SMTR	A ECO166 7	41	1	SW1	
150-0118-01	IC, MSP430F1611IPM MICROCONTROLLER, QFP-64	MCO190	42	1	U1	
150-0107-01	DECODER, 1-2 W/ ENABLER	0 MCO063	43	1	U2	
150-0144-01	IC, REGULATOR, LD0, 3.0V, SOT23-5	MCO189	44	1	U3	
450-0007-01	TRANSCEIVER MODULE, 915MHZ, RADIOTRONIX	A ECO157 4	45	1	U4	
450-0010-01	MODEM, 56K, 3.3V, MT5600SMI-L-92		49	1	U15	
080-0014-01	CRYSTAL, 8.0000MHZ, JXS75, SMT	MCO190	50	1	Y1	
150-0174-01	IC, 1A, STEP DOWN DC-DC CONVERTER, LM2734YMK		51	1	U16	
240-0014-01	CLIP, SHIELD, MINI, 7-V2008-111AA	1 MCO164	52	12	SH1-SH12	
010-0016-01	C3 BASE ANTENNA		53	1	ANT1	
180-3410-01	PCB, C3 BASE		54	1		
230-0026-01	RESISTOR,1.5KOHM, 5%1/16W,0603	0 MCO105	55	1	R43	
030-0018-01	CAP,0.01UF,10%,50V, 0603	0 MCO181	56	1	C32	
090-0016-01	DIODE, SWITCHING, HIGH SPEED	0 ECO704	57	1	D12	
070-0118-01	CONN, 1 X 7 HEADER, VERT,.050" SPACING	MCO189	59	1	J1	
150-0175-01	IC, RESISTOR SET OSCILLATOR, LTC6900		60	1	U17	
070-0138-01	CONNECTOR, 4 PIN, IDC, POWER		61	1	J8	
125-0005-01	FILTER, MODULE, DSL LINE		62	1	J5	