

ADaM E Parts List

Item	Quantity	Part Description	Designators
10	1	Battery, 9V type	B1
20	3	Cap-Mono,X7R,10%,.1 μ F/50V	C1,C5,C6
30	3	Cap-Mono,X7R,10%,22pF/50V	C2,C3,C4
40	1	Cap-Mono,X7R,10%,10F/50V	C7
50	1	Cap-Mono, Electrolytic, RAD, 10%, 100uF/10V	C10
60	1	Diode, EP05Q03L	D2
70	1	Inductor, CDRH5D28, 30%	L2
90	1	Res, 1K87, 1/8W, 1%	R1
100	2	Res, 1K96, 1/8W, 1%	R2,R3
120	1	IC, Microcontroller, 16Bit, MC9S12DP256B	U1
130	1	IC, Transmitter, XC09, 9600Baud	U2
140	1	IC, GPS, IQ, NEMA & TSIP	U3
150	1	IC, Analog Switch, PI5C3125	U4
160	1	IC, Digital Temp Sen, DS1620	U5
170	1	IC, V-Reg switching, MAX1836	U6
180	1	IC, Pres Sen, MAX2100ASX	U7
190	1	IC, Op-Amp, instrument, MC33272	U8

HTP Parts List

Item	Quantity	Part Description	Designators
10	4	Battery, 1.5V, C-cell type	B1,B2,B3,B4
20	1	Cap-Mono,X7R,10%,.1 μ F/50V	C5
30	2	Cap-Mono,X7R,10%,22pF/50V	C3,C4
40	2	Cap-Mono,X7R,10%,10F/50V	C2,C6
50	1	Cap-Mono, Electrolytic, RAD, 10%, 100uF/10V	C1
60	1	Diode, EP05Q03L	D1
70	1	Inductor, CDRH5D28, 30%	L1
90	3	Res, 10K, 1/8W, 1%	R1,R2,R3
100	1	Res, 16K, 1/8W, 1%	R4
101	1	Res, 680K, 1/8W, 1%	R5
102	1	Res, 47K, 1/8W, 1%	R7
103	1	Res, 22R, 18W, 1%	R8
110	3	Switch, SPST, MSPS103B	SW1,SW2,SW3
120	1	IC, Microcontroller, 16Bit, MC9S12DP256B	U2
130	1	IC, Transmitter, XC09, 9600Baud	U1
170	1	IC, V-Reg switching, MAX1836	U6
200	1	LCD, HD44780U, 2 line x 16 char	LCD1