

The following is a guide to the cost of GPS-ABC

CostingsV5

Method 1 - GPS-ABC Hand Wired

Item	Quantity	Vendor		Price ea	cost
Arduino MEGA-1280 or 2560 Processor Board	1	DFRobot	DFR003	\$26.00	\$26.00
Adafruit Ultimate GPS = GlobalTop PA6H	1	Adafruit	ID746	\$39.65	\$39.65
Antenna Cable (optional)	1	Adafruit	ID851	\$3.95	\$3.95
External Antenna (optional)	1	Adafruit	ID960	\$12.95	\$12.95
Backup Battery	1	Anywhere	CR1220	\$3.00	\$3.00
EM-406A GPS ****	0	Futurlec	GPS_EM-406A	\$39.90	\$0.00
7_Segment LED	2	Sparkfun	COM-09767	\$14.67	\$29.34
Resistors 330 ohm	3	Jaycar	RR-0560	\$0.05	\$0.15
Resistor 1k ohm	1	Jaycar	RR-0572	\$0.05	\$0.05
Diode 1N4001	2	Jaycar	ZR-1004	\$0.10	\$0.20
LED Red	1	Jaycar	ZD-0100	\$0.20	\$0.20
LED Green	1	Jaycar	ZD-0120	\$0.20	\$0.20
Momentary switch	2	Jaycar	SP-0710	\$1.20	\$2.40
Toggle switch	1	Jaycar	ST-0300	\$2.20	\$2.20
Piezo buzzer	1	Jaycar	AB-3440	\$3.60	\$3.60
RCA Socket (for Beeper Sync - optional)	1	Jaycar	PS-0255	\$0.58	\$0.58
Header Pins (40)	1	Jaycar	HM-3212	\$0.65	\$0.65
Rainbow Cable (1 metre is more than enough)	1	Jaycar	WM-4516	\$2.89	\$2.89
Plastic Housing of some sort	1	BeCreative		\$0.00	\$0.00
Miscellaneous bits and pieces	1			\$5.00	\$5.00

				SubTotal \$133.01	

**** Note:

USGlobalSAT have discontinued manufacture of the EM-406A.

It's (so called) replacement is the EM-506 and this is NOT suitable for GPS-ABC.

If you do own a genuine EM-406A then this can be used with GPS-ABC v14