

Type	Name	Place on Circuit Board	Quantity	Cost	Link	Sub-Total	Arrived?	Ordered?
Battery	Turnigy Nano-Tech 850mAh LiPo		4	£ 6.56	<a href="http://www.hobbyking.co.uk/hobbyking/store/_18203_Turnigy_nano_tech_£">http://www.hobbyking.co.uk/hobbyking/store/_18203_Turnigy_nano_tech_£</a>	£ 26.24	y	y
Board	Hobbyking i8 Control Board		1	£ 10.98	<a href="http://www.hobbyking.co.uk/hobbyking/store/_12974_Hobbyking_i86_Multi">http://www.hobbyking.co.uk/hobbyking/store/_12974_Hobbyking_i86_Multi</a>	£ 10.98		y
Motors	Turnigy Multistar Outrunner V2 Motors		6	£ 7.46	<a href="http://www.hobbyking.co.uk/hobbyking/store/_66414_Turnigy_Multistar_17">http://www.hobbyking.co.uk/hobbyking/store/_66414_Turnigy_Multistar_17</a>	£ 44.76	y	y
Escs	Turnigy Multistar 20A Slim ESCs		6	£ 8.88	<a href="http://www.hobbyking.com/hobbyking/store/_65154_Turnigy_Multistar_20A">http://www.hobbyking.com/hobbyking/store/_65154_Turnigy_Multistar_20A</a>	£ 53.28	y	y
Servos	Turnigy Analog Nano Servos		6	£ 2.55	<a href="http://www.hobbyking.com/hobbyking/store/_28280_Turnigy_8482_TGY_TS">http://www.hobbyking.com/hobbyking/store/_28280_Turnigy_8482_TGY_TS</a>	£ 15.30	y	y
FPV TX	Hobbyking FPV Transmitter		2	£ 13.35	<a href="http://hobbyking.com/hobbyking/store/_76392_HobbyKing_8482_FT952_5_i">http://hobbyking.com/hobbyking/store/_76392_HobbyKing_8482_FT952_5_i</a>	£ 26.70	y	y
Battery	Turnigy 2200mAh battery (for base station)		2	£ 6.39	<a href="http://hobbyking.com/hobbyking/store/_8932_Turnigy_2200mAh_3S_20C_Li">http://hobbyking.com/hobbyking/store/_8932_Turnigy_2200mAh_3S_20C_Li</a>	£ 12.78	y	y
FPV Receiver	SkyZone FPV receiver		2	£ 12.77	<a href="http://hobbyking.com/hobbyking/store/_18649_SkyZone_RC805_5_8Ghz_8_">http://hobbyking.com/hobbyking/store/_18649_SkyZone_RC805_5_8Ghz_8_</a>	£ 25.54		y
Antenna	Polarized SMA antenna		2	£ 3.19	<a href="http://hobbyking.com/hobbyking/store/_43700_5_8GHz_Circular_Polarized_">http://hobbyking.com/hobbyking/store/_43700_5_8GHz_Circular_Polarized_</a>	£ 6.38	y	y
SMA Wire	SMA wire		5	£ 1.06	<a href="http://hobbyking.com/hobbyking/store/uh_viewItem.asp?idProduct=50463">http://hobbyking.com/hobbyking/store/uh_viewItem.asp?idProduct=50463</a>	£ 5.30	y	y
OSD	Hobbyking OSD		2	£ 9.28	<a href="http://hobbyking.com/hobbyking/store/_16662_HobbyKing_E_OSD.html">http://hobbyking.com/hobbyking/store/_16662_HobbyKing_E_OSD.html</a>	£ 18.56	y	y
FPV Camera	Mini FPV Camera		2	£ 18.84	<a href="http://hobbyking.com/hobbyking/store/_64444_Mini_CMOS_FPV_Camera_5_">http://hobbyking.com/hobbyking/store/_64444_Mini_CMOS_FPV_Camera_5_</a>	£ 37.68	y	y
Bags	Lipol Bags		6	£ 1.34	<a href="http://hobbyking.com/hobbyking/store/_27105_Lipoly_Charge_Bag_23_x_3C">http://hobbyking.com/hobbyking/store/_27105_Lipoly_Charge_Bag_23_x_3C</a>	£ 8.04		y
Radio TX	Orange Radio Transmitter		1	£ 41.59	<a href="http://www.hobbyking.co.uk/hobbyking/store/_54822_OrangeRx_T_SIX_2_4">http://www.hobbyking.co.uk/hobbyking/store/_54822_OrangeRx_T_SIX_2_4</a>	£ 41.59	y	y
Radio RX	Orange Radio Receiver		2	£ 6.97	<a href="http://www.hobbyking.co.uk/hobbyking/store/_61211_OrangeRx_R410X_DSi">http://www.hobbyking.co.uk/hobbyking/store/_61211_OrangeRx_R410X_DSi</a>	£ 13.94		y
LiPo Charger	Hobbyking LiPo charger		1	£ 7.98	<a href="http://hobbyking.com/hobbyking/store/_21044_Hobbyking_174_DC_4S_Bala">http://hobbyking.com/hobbyking/store/_21044_Hobbyking_174_DC_4S_Bala</a>	£ 7.98	y	y

Male Headers	Break Away Headers - Machine Pin		3	£ 2.95		£ 8.85
Resistor	Panasonic 75kOhm Resistor	C1	20	£ 0.01	<a href="http://uk.farnell.com/panasonic-electronic-components/erj6geyj753v/resistor-t">http://uk.farnell.com/panasonic-electronic-components/erj6geyj753v/resistor-t</a>	£ 0.24
Capacitor	Murata 100muF capacitor	C2	20	£ 0.22	<a href="http://uk.farnell.com/murata/grm21bc80g107me15l/capacitor-mlcc-x6s-100uf-">http://uk.farnell.com/murata/grm21bc80g107me15l/capacitor-mlcc-x6s-100uf-</a>	£ 4.40
Resistor	Bourns 10k SMD 0805 Resistor	R4	20	£ 0.04	<a href="http://uk.farnell.com/bourns/cr0805-fx-1002elf/resistor-10k-0-125w-1/dp/1612">http://uk.farnell.com/bourns/cr0805-fx-1002elf/resistor-10k-0-125w-1/dp/1612</a>	£ 0.78
Resistor	Bourns 10k SMD 0805 Resistor	R5	20	£ 0.04	<a href="http://uk.farnell.com/bourns/cr0805-fx-1002elf/resistor-10k-0-125w-1/dp/1612">http://uk.farnell.com/bourns/cr0805-fx-1002elf/resistor-10k-0-125w-1/dp/1612</a>	£ 0.78
Motor Driver	Texas Instruments DRV 8833	U2	10	£ 2.50	<a href="http://uk.farnell.com/texas-instruments/drv8833pwpr/ic-motor-driver-stepper-">http://uk.farnell.com/texas-instruments/drv8833pwpr/ic-motor-driver-stepper-</a>	£ 25.00
Capacitor	TDK 2.2muF	C5	20	£ 0.19	<a href="http://uk.farnell.com/tdk/c2012x7r1h225k125ac/cap-mlcc-x7r-2-2uf-50v-0805/">http://uk.farnell.com/tdk/c2012x7r1h225k125ac/cap-mlcc-x7r-2-2uf-50v-0805/</a>	£ 3.70
Capacitor	Kemet 0.01muF	C3	20	£ 0.02	<a href="http://uk.farnell.com/kemet/c0805c103k5ractu/cap-mlcc-x7r-10nf-50v-0805/dp">http://uk.farnell.com/kemet/c0805c103k5ractu/cap-mlcc-x7r-10nf-50v-0805/dp</a>	£ 0.31
MCU	Teensy 3.2	SMD on Board	6	£ 13.02	<a href="https://www.sparkfun.com/products/13736">https://www.sparkfun.com/products/13736</a>	£ 78.12
Humidity Sensor	HYT-271	Off Board (SCL, SDA, 3.3V and 0V)	5	£ 26.49	<a href="http://uk.farnell.com/ist-innovative-sensor-technology/hyt-271/sensor-humidit">http://uk.farnell.com/ist-innovative-sensor-technology/hyt-271/sensor-humidit</a>	£ 132.45
Pressure Sensor	MS5637	*	10	£ 1.84	<a href="http://uk.farnell.com/measurement-specialties/ms563702ba03-50/sensor-baroi">http://uk.farnell.com/measurement-specialties/ms563702ba03-50/sensor-baroi</a>	£ 18.40
IMU	SparkFun LSMDS1 Breakout	Off Board (SCL, SDA, 3.3V and 0V)	3	£ 16.28	<a href="https://www.sparkfun.com/products/13284">https://www.sparkfun.com/products/13284</a>	£ 48.84

## POWER DISTRIBUTION BOARD

PCB Building Costs		3	£ 50.00	£ 150.00
Can Building Costs	3D Printing	4	£ 40.00	£ 160.00
	Grub Screws	2	£ 3.00	£ 6.00