

## AAVOID\_BOM

Part Name	Description	Unit Price €	Quantity	Total Price €
Spektrum DX5E	5-channel remote control and receiver	85	1	85
MultiStar & Afro Combo Pack	4x 2206 Motors and 4x 12A Afro ESCs	110	1	110
8MM PlyWood	300mm x 350mm PlyWood sheet	2	1	2
FR4 fiber glass	FR4 100mm x 70mm sheet	2.18	1	2.18
Plastic Ties	mix sizes	4	1	4
Propellers	4 x 6030 plastic propellers CW/CCW	5.5	1	5.5
IMU	Drotek 10DOF IMU	15.9	1	15.9
satshakit	dual satshakit board	9.06	2	18.12
LiPo battery	3S 11.1V 1300mah	15	1	15
<b>AAVOID v2</b>	quadcopter, fly only			<b>Total Cost</b> <b>257.7</b>
Sonar sensors	6 x MaxBotix MB1240	37.4	6	224.4
<b>AAVOID v3</b>	quadcopter,avoid obstacles			<b>Total Cost</b> <b>482.1</b>
Smartphone	Asus ZenFone 4	99	1	99
OTG USB cable	OTG USB cable	3	1	3
FTDI USB cable	TTL-232R-5V	19	1	19
<b>AAVOID v3 w/ smartphone</b>	quadcopter,avoid obstacles, internet connected, GPS, camera, further developement of deliberative avoidance			<b>Total Cost</b> <b>603.1</b>