

Equipment Checklist For #Askotec										Option fixed	Option extra	Why?
STAT	OPTIONAL	Name	T/M/I	QUAN_w	QUAN_is	CHEC	Price/p	PRICE_is	SHOP			
HAVE		Acer Laptop	T	1	1		180,00 €	180,00 € ??				
HAVE		Arduino Starter Set V3	T	1	1	YES	69,00 €	69,00 €	SEGOR			
HAVE		Assortment box	T	1	1	YES	7,50 €	7,50 €	SEGOR			
HAVE		Battery Soldering Iron	T	1	1	YES	3,95 €	3,95 €	reichelt			
HAVE		Bread Board	T	2	1	YES	4,80 €	4,80 €	SEGOR			
HAVE		Bread Board Small	T	5	4	YES	2,70 €	10,80 €	SEGOR			
HAVE		Calculator	T	1	1	YES	4,19 €	4,19 €	reichelt			
HAVE	OPTIONAL	Case	T	1	1		77,99 €	77,99 €	CONRAD			
HAVE		Case	T	1	1	YES	79,95 €	79,95 €	Xenotec			
HAVE		Chopsticks (PAIR)	T	1	1	YES	0,00 €	0,00 €	asia imbiß			
HAVE		Clipboard With Paper	T	1	1	YES	1,95 €	1,95 €	reichelt			
HAVE		Colored Combination Chain Lock Green	T	1	1	YES	8,99 €	8,99 €	BAUHAUS			
HAVE		Copper Solder Cleaner	T	1	1	YES	2,40 €	2,40 €	SEGOR			
HAVE		Cutter	T	1	1	YES	1,40 €	1,40 €	reichelt			
HAVE		cutter blades (PACK OF 10)	T	1	1	YES	1,10 €	1,10 €	reichelt			
HAVE	OPTIONAL	Cutting mat	T	1	1	YES	12,50 €	12,50 €	reichelt			
NEED		Eraser	T	1	1		1,00 €	1,00 €	PAPER-LA-PAP			
HAVE		Hacksaw (incl. 12 blades)	T	1	1	YES	2,15 €	2,15 €	reichelt			
HAVE		Headlamp	T	1	1	YES	9,99 €	9,99 €	Stadler			
HAVE		Headphones	T	1	1	YES	2,00 €	2,00 €	reichelt			
HAVE		Helping Hand Tool Set	T	1	1	YES	13,60 €	13,60 €	reichelt			
HAVE	OPTIONAL	Highlighter	T	1	1		0,50 €	0,50 €	PAPER-LA-PAP			
HAVE		HyracBox	T	1	1	YES	0,00 €	0,00 €	r0g/HyracBox			
HAVE		LED Tester	T	1	1	YES	6,80 €	6,80 €	SEGOR			
HAVE		Lighter	T	0	1	YES	1,00 €	1,00 €	Shop			
HAVE		Marker	T	0	1	YES	1,99 €	1,99 €	PAPER-LA-PAP			
HAVE		Mechanical Tool Set Black And Decker	T	1	1	YES	38,09 €	38,09 €	AMAZON			
HAVE		Metal ruler	T	1	1	YES	3,49 €	3,49 €	PAPER-LA-PAP			
HAVE		Multi Battery Charger	T	1	1	YES	18,20 €	18,20 €	reichelt			
HAVE		Multimeter	T	1	1	YES	14,00 €	14,00 €	SEGOR			
HAVE		Pen	T	1	1	YES	0,60 €	0,60 €	PAPER-LA-PAP			
HAVE	OPTIONAL	Pen Colour	T	0	1		1,45 €	1,45 €	PAPER-LA-PAP			
HAVE	OPTIONAL	Pen Fine Liner	T	0	1		0,70 €	0,70 €	PAPER-LA-PAP			
HAVE		Pencil + eraser	T	1	1	YES	1,19 €	1,19 €	PAPER-LA-PAP			
HAVE		Pencil Pouch	T	1	1	YES	3,79 €	3,79 €	PAPER-LA-PAP			
HAVE		Plastic Containers	T	4	4	YES	0,50 €	2,00 €	SEGOR			
HAVE		Plastic Zipper Bags (PACK OF 5)	T	1	1	YES	9,95 €	9,95 €	BAUHAUS			
HAVE		Protractor / Ruler	T	1	1	YES	1,75 €	1,75 €	reichelt			
HAVE		Radio Set	T	1	1	YES	7,90 €	7,90 €	SEGOR			
HAVE		Scissors	T	1	1	YES	3,95 €	3,95 €	reichelt			
HAVE	OPTIONAL	Sewing Kit	T	1	1		7,99 €	7,99 €	AMAZON			
HAVE		Sharpener	T	1	1	YES	0,99 €	0,99 €	PAPER-LA-PAP			
HAVE		Small Brush	T	1	1	YES	0,99 €	0,99 €	PAPER-LA-PAP			
HAVE		Small Combination Padlock	T	1	1	YES	5,95 €	5,95 €	reichelt			
HAVE	OPTIONAL	Soldering Iron 30W	T	1	1		9,95 €	9,95 €	reichelt			
HAVE		Tool bag + soldering iron	T	1	1	YES	30,95 €	30,95 €	reichelt			
HAVE	OPTIONAL	tool bags	T	1	1		9,30 €	9,30 €	reichelt			
HAVE	OPTIONAL	tool box	T	1	1		24,70 €	24,70 €	reichelt			
HAVE	OPTIONAL	tool folder	T	1	1		19,20 €	19,20 €	reichelt			
HAVE	OPTIONAL	Transparent Box	T	1	1	YES	8,25 €	8,25 €	reichelt			
HAVE		Travel Adapter	T	1	1	YES	12,99 €	12,99 €	reichelt			
HAVE		Universal Mobile repair Kit	T	1	1	YES	11,10 €	11,10 €	reichelt			
HAVE		USB Volt- & Amperemeter	T	1	1	YES	9,80 €	9,80 €	SEGOR			
HAVE		Wire Cutter	T	1	1	YES	4,20 €	4,20 €	SEGOR			
HAVE		Workplace Textile	T	0	1	YES	14,00 €	14,00 €	Textile Shop			
HAVE		Zip Ties Small Size (PACK OF 50)	T	1	1	YES	2,40 €	2,40 €	reichelt			
HAVE		1 Way Switch	M	10	10	YES	0,30 €	3,00 €	SEGOR			
HAVE		1,5 V AA Batteries (PACK OF 4)	M	0	1	YES	2,50 €	2,50 €	BAUHAUS			

HAVE		2 Way Switch	M	5	3YES	2,00 €	6,00 € SEGOR	WS 13 * 19-1U   IS: Wippschalter 1xUM (H-II)	
HAVE		2x5V Solar Panel 500mA	M	4	4YES	12,99 €	51,96 € AMAZON	2x Set 5V Solar Panel 500mA	<a href="https://www.amazon.de/ALLPOWERS-gekapselte-Solarzelle-Solarmodul-Batterieladeger%C3%A4t/dp/B073">https://www.amazon.de/ALLPOWERS-gekapselte-Solarzelle-Solarmodul-Batterieladeger%C3%A4t/dp/B073</a>
HAVE		3 Way Switch	M	5	2YES	2,40 €	4,80 € SEGOR	WS 13x19-1U SOS	
HAVE		4V Solar Panel 200mA	M	2	2YES	8,60 €	17,20 € reichelt	SOLAR SM4200 :: Solarzelle, vergossen, 4 V, 0,2 A	<a href="https://www.reichelt.de/solarzelle-vergossen-4-v-0-2-a-solar-sm4200-p159961.html?&amp;trstct=pos_3">https://www.reichelt.de/solarzelle-vergossen-4-v-0-2-a-solar-sm4200-p159961.html?&amp;trstct=pos_3</a>
HAVE		5V Regulator	M	10	10YES	0,32 €	3,20 € SEGOR	7805 +5V 1A TO220	<a href="https://www.reichelt.de/spannungsregler-fest-5-v-to-220-17805cv-dg-stm-p21667">https://www.reichelt.de/spannungsregler-fest-5-v-to-220-17805cv-dg-stm-p21667</a>
HAVE		Batteries CR 2032 (PACK OF 5)	M	1	1YES	2,99 €	2,99 € reichelt	CR 2032 X5 RND :: Lithium-Knopfzelle, 3 V, 20,0x3,2 mm, Sparpack	<a href="https://www.reichelt.comhttps://www.reichelt.com/de/de/lithium-knopfzelle-3-v-210-mah-20-0x3-2-mm-cr">https://www.reichelt.comhttps://www.reichelt.com/de/de/lithium-knopfzelle-3-v-210-mah-20-0x3-2-mm-cr</a>
HAVE		Battery Case (3-2)	M	2	2YES	1,30 €	2,60 € SEGOR	BH 3-2 Kappe	
HAVE		Battery Case (3-3)	M	3	3YES	1,50 €	4,50 € SEGOR	BH 3-3 Kappe	
HAVE		Battery Wire Connectors	M	2	2YES	0,25 €	0,50 € SEGOR	9V connection BC-9I	
HAVE		Big Led Lights	M	10	10YES	0,84 €	8,40 € SEGOR	10mm WS/150CD-35 120 mA 6500K	
HAVE		Black Iso Tape	M	1	1YES	0,50 €	0,50 € reichelt	ISOBAND SW :: VDE-Isolierband, 10 m, Breite: 15 mm, schwarz	<a href="https://www.reichelt.com/de/de/vde-isolierband-10-m-breite-15-mm-schwarz-isoband-sw-p8975.html?&amp;tr">https://www.reichelt.com/de/de/vde-isolierband-10-m-breite-15-mm-schwarz-isoband-sw-p8975.html?&amp;tr</a>
HAVE		Capacitors 100µF	M	10	10YES	0,16 €	1,60 € SEGOR	100 µF 25 V	<a href="https://www.reichelt.com/de/de/elko-100-f-25-v-105-c-jam-wgr101m1ef11-p2465">https://www.reichelt.com/de/de/elko-100-f-25-v-105-c-jam-wgr101m1ef11-p2465</a>
HAVE		Capacitors 10µF	M	10	10YES	0,08 €	0,80 € SEGOR	10 µF 35 V	<a href="https://www.reichelt.com/de/de/elko-10-f-35-v-105-c-nicc-nrwa100m35v-p24659">https://www.reichelt.com/de/de/elko-10-f-35-v-105-c-nicc-nrwa100m35v-p24659</a>
HAVE		Circuit Board	M	5	5YES	1,00 €	5,00 € SEGOR	811/5-5*100MM PUNKTRASTER	
HAVE		Crocodile Clips (PACK OF 10)	M	2	2YES	1,50 €	3,00 € reichelt	MK 612S :: Verbindungsleitungs-Satz, 10-teilig	<a href="https://www.reichelt.com/de/de/verbindungsleitungs-satz-10-teilig-mk-612s-p12242.html?&amp;trstct=pos_0">https://www.reichelt.com/de/de/verbindungsleitungs-satz-10-teilig-mk-612s-p12242.html?&amp;trstct=pos_0</a>
HAVE		Desinfection spray	M	0	1YES	7,23 €	7,23 € Medical shop	SHOP TO BE CHANGED	
HAVE		Diodes	M	20	20YES	0,04 €	0,80 € SEGOR	1000V 1A UNIVERSAL DIODE (1N 4007)	<a href="https://www.reichelt.de/gleichrichterdiode-1000-v-1-a-do-41-1n-4007-p1729.htm">https://www.reichelt.de/gleichrichterdiode-1000-v-1-a-do-41-1n-4007-p1729.htm</a>
HAVE		Disposable Cleaning Pad (PACK OF 30)	M	1	1YES	1,50 €	1,50 € Medical shop	SHOP TO BE CHANGED	<a href="https://www.reichelt.com/de/de/reinigungstuecher-screen-wipes-fuer-bildschirm">https://www.reichelt.com/de/de/reinigungstuecher-screen-wipes-fuer-bildschirm</a>
HAVE	OPTIONAL	Duck Tape	M	1	1YES	7,95 €	7,95 € reichelt	TESA 56389 SW :: Folienband tesa extra Power® Universal, 50 m x 50 mm, schwarz	<a href="https://www.reichelt.comhttps://www.reichelt.com/de/de/folienband-tesa-extra-power-universal-50-m-x-5">https://www.reichelt.comhttps://www.reichelt.com/de/de/folienband-tesa-extra-power-universal-50-m-x-5</a>
HAVE		First Aid Kit	M	1	1YES	14,99 €	14,99 € Globetrotter	TO BE CHANGED; VAUDE burn oinment (extra), bandages and plasters	
HAVE	OPTIONAL	Garden Wire	M	1	1YES	1,89 €	1,89 € BAUHAUS	Gardol Gartendraht Silber, Verzinkt, 40 m, 0,65 mm	<a href="https://www.bauhaus.info/kunststoffboxen/nips-utensilentaschen-set/p/246967">https://www.bauhaus.info/kunststoffboxen/nips-utensilentaschen-set/p/246967</a>
HAVE	OPTIONAL	Glue stick	M	0	1YES	2,35 €	2,35 € BAUHAUS	UHU stic	
HAVE		Heat Shrink Tubes (PACK OF 100)	M	1	1YES	3,99 €	3,99 € reichelt	DELOCK 86271 :: Schrumpfschlauch-Sortiment, schwarz, 100-teilig	<a href="https://www.reichelt.comhttps://www.reichelt.com/de/de/schrumpfschlauch-sortiment-50-teilig-farbig-tue">https://www.reichelt.comhttps://www.reichelt.com/de/de/schrumpfschlauch-sortiment-50-teilig-farbig-tue</a>
HAVE		Jumper Wire (PACK OF 40)	M	1	1YES	4,50 €	4,50 € SEGOR	Flexjumper 10M/M (40x)	
HAVE		Jumper Wire (PACK OF 40)	M	1	1YES	4,40 €	4,40 € SEGOR	Flexjumper 10M/F (40x)	
HAVE		Led Lights Mini Red (PACK OF 25)	M	1	1YES	1,75 €	1,75 € SEGOR	3 RT / -25X	
HAVE		Monobloc battery 9V	M	0	2YES	2,60 €	5,20 € SEGOR	Duracell 6LP3146	
HAVE	OPTIONAL	Nails Copper (PACK OF 50)	M	1	1YES	2,10 €	2,10 € BAUHAUS	Zinc Nails	
HAVE	OPTIONAL	Nails Zink (PACK OF 100)	M	1	1YES	4,95 €	4,95 € BAUHAUS	Copper Nails	
HAVE		Ointment Gel	M	1	1YES	5,36 €	5,36 € Medical shop	SHOP TO BE CHANGED	
HAVE		Pack of 4 In 1 USB Hub	M	2	2YES	6,60 €	13,20 € reichelt	DIGITUS DA-70216 :: DIGITUS USB 2.0 - 4-port Kabel-Hub, 100cm	<a href="https://www.reichelt.comhttps://www.reichelt.com/de/de/usb-2-0-externes-4-port-hub-kabel-delock-6172">https://www.reichelt.comhttps://www.reichelt.com/de/de/usb-2-0-externes-4-port-hub-kabel-delock-6172</a>
HAVE		plastic bags (PACK OF 100)	M	0	1YES	2,30 €	2,30 € SEGOR	PE/G 80x120 (100x)	
HAVE		Rechargeable Batteries (PACK OF 4)	M	2	2YES	11,80 €	23,60 € SEGOR	AA Mignon-eneloop/Box (4x) 2000mA	<a href="https://www.reichelt.com/de/de/lithium-zelle-aa-mignon-3000-mah-10er-pack-ar">https://www.reichelt.com/de/de/lithium-zelle-aa-mignon-3000-mah-10er-pack-ar</a>
HAVE		Resistors (PACK OF 100)	M	1	1YES	2,30 €	2,30 € SEGOR	10R-0204-1% 0,4W TK50	<a href="https://www.reichelt.com/de/de/lithium-batterie-3000-mah-aa-mignon-4er-pack">https://www.reichelt.com/de/de/lithium-batterie-3000-mah-aa-mignon-4er-pack</a>
HAVE		Resistors (PACK OF 100)	M	1	1YES	2,30 €	2,30 € SEGOR	300R-0204-1% 0,4W TK50	<a href="https://www.reichelt.com/de/de/lithium-batterie-aa-mignon-2800-mah-4er-pack">https://www.reichelt.com/de/de/lithium-batterie-aa-mignon-2800-mah-4er-pack</a>
HAVE		Resistors (PACK OF 100)	M	1	1YES	2,30 €	2,30 € SEGOR	15R-0204-1% 0,4W TK50	<a href="https://www.reichelt.de/widerstand-metallschicht-10-0-ohm-0207-0-6-w-1-0-6-W">https://www.reichelt.de/widerstand-metallschicht-10-0-ohm-0207-0-6-w-1-0-6-W</a>
HAVE		Sand Paper Piece	M	0	1YES	1,95 €	1,95 € BAUHAUS	smal piece of sandpaper sheet	<a href="https://www.reichelt.de/widerstand-metallschicht-300-ohm-0207-0-6-w-1-k-0-6-W">https://www.reichelt.de/widerstand-metallschicht-300-ohm-0207-0-6-w-1-k-0-6-W</a>
HAVE		Single Color Black Wire	M	2	1YES	7,00 €	7,00 € SEGOR	LITZE LIYV0,5SW 25 METER (BLACK)	<a href="https://www.reichelt.com/de/de/litze-h05v2-k-h07v2-k-0-5-mm-100-m-schwarz-r">https://www.reichelt.com/de/de/litze-h05v2-k-h07v2-k-0-5-mm-100-m-schwarz-r</a>
HAVE		Single Color Red Wire	M	2	1YES	7,00 €	7,00 € SEGOR	LITZE LIYV0,5RT 25 METER (RED)	<a href="https://www.reichelt.com/de/de/litze-h05v2-k-h07v2-k-0-5-mm-100-m-rot-rnd-47">https://www.reichelt.com/de/de/litze-h05v2-k-h07v2-k-0-5-mm-100-m-rot-rnd-47</a>
HAVE		Small Trainer Notepad	M	1	1YES	0,99 €	0,99 € PAPER-LA-PAP		<a href="https://www.reichelt.com/de/de/litze-h05v2-k-h07v2-k-0-5-mm-100-m-schwarz-r">https://www.reichelt.com/de/de/litze-h05v2-k-h07v2-k-0-5-mm-100-m-schwarz-r</a>
HAVE		Solder roll	M	0	1YES	5,00 €	5,00 € SEGOR	LZ 1,0- 100/BleifreiSN99	<a href="https://www.reichelt.com/de/de/litze-h05v2-k-h07v2-k-0-5-mm-100-m-rot-rnd-47">https://www.reichelt.com/de/de/litze-h05v2-k-h07v2-k-0-5-mm-100-m-rot-rnd-47</a>
HAVE		Soldering Grease	M	1	1YES	3,50 €	3,50 € SEGOR	KOLOPHONIUM 20 G STANNOL	
HAVE		StepUp-Modul (USB)	M	0	1YES	2,40 €	2,40 € SEGOR	Vin:1...5V Vout:5V(USB)	<a href="https://www.reichelt.de/loetfett-50-g-fp-45238-p201021.html">https://www.reichelt.de/loetfett-50-g-fp-45238-p201021.html</a>
HAVE		Sticky Notes (PACK OF 3)	M	0	1YES	0,99 €	0,99 € PAPER-LA-PAP	yellow sticky notes 3x 100 small	
HAVE		Strong Allround Glue	M	1	1YES	2,95 €	2,95 € BAUHAUS	42g Allround Glue strong	
HAVE	OPTIONAL	SuperGlue	M	1	1	6,75 €	6,75 € BAUHAUS	10g SuperGlue extra strong	
HAVE		SuperGlue Pipette	M	1	1YES	6,25 €	6,25 € BAUHAUS	10g SuperGlue extra strong Pipette	
HAVE		Twin Wires	M	1	1YES	2,20 €	2,20 € SEGOR	LIY 2*0-14RT/SW 5M	<a href="https://www.reichelt.com/de/de/kupferlitze-isoliert-10m-4x0-25mm-sw-gn-rt-bl-l">https://www.reichelt.com/de/de/kupferlitze-isoliert-10m-4x0-25mm-sw-gn-rt-bl-l</a>
HAVE		Twine (PACK OF 2 ROLLS → ONLY 1 IN)	M	1	1YES	2,60 €	2,60 € BAUHAUS	IRIS BINDFADEN 2 * 20 M	
HAVE		USB flash drive (32GB)	M	1	1YES	6,95 €	6,95 € reichelt	TOS U301W0320E4 :: USB-Stick, USB 3.0, 32 GB, U301 Weiß	<a href="https://www.reichelt.com/de/de/usb-stick-usb-3-0-32-gb-u301-weiss-tos-u301w0320e4-p164697.html?&amp;tr">https://www.reichelt.com/de/de/usb-stick-usb-3-0-32-gb-u301-weiss-tos-u301w0320e4-p164697.html?&amp;tr</a>
HAVE	OPTIONAL	white Led Lights (PACK OF 10)	M	0	1YES	0,88 €	0,88 € SEGOR	LED 5gn/2cd-120° /-25x	
HAVE		Zip Ties (PACK OF 100)	M	1	1YES	1,60 €	1,60 € reichelt	KAB-U 280-3,5 :: Kabelbinder, UV-beständig, 280 mm, schwarz, 100er-Pack	<a href="https://www.reichelt.com/de/de/kabelbinder-uv-bestaendig-280-mm-schwarz-100er-pack-kab-u-280-3-5-p">https://www.reichelt.com/de/de/kabelbinder-uv-bestaendig-280-mm-schwarz-100er-pack-kab-u-280-3-5-p</a>
HAVE	OPTIONAL	Arduino Book	I	1	1	14,99 €	14,99 € AMAZON	Make: Getting Started with Arduino: The Open Source Electronics Prototyping Platform	<a href="https://smile.amazon.de/Make-Getting-Electronics-Prototyping-Platform/dp/1449363334/">https://smile.amazon.de/Make-Getting-Electronics-Prototyping-Platform/dp/1449363334/</a>
NEED		Askotec Table of Content + Packing/Un Packing Guide	I	1	1	0,00 €	0,00 € r0g		digital?
HAVE		OLG + OHG + OTG (1 each)	I	1	1YES	0,00 €	0,00 € r0g	Open Learning Guide, Open Hardware Guide, Open Training Guide	

	total	of which optional	without optional items
Σ need	1,00 €	0,00 €	1,00 €
Σ ordered	0,00 €	0,00 €	0,00 €
Σ have	1.091,88 €	214,39 €	877,49 €
Σ all	1.092,88 €	214,39 €	878,49 €
Σ all yes	738,36 €	40,87 €	697,49 €

1 as planned  
1 not as planned