

Index	Quantity	Reference	Description	Value / Generic Part Number	Voltage	Power/ Current	Tolerance	Package	Manufacturer	Manufacturer's ordering code / Orderable Part Number	Additional Notes
1	1	BP200	WS-TASV SMT Tact Switch		12 VDC	50 mA	-	-	WURTH ELEKTRONIK	430182043816	
2	1	B200	ST87M01		-	-	-	Tyrion	STMICROELECTRONICS	ST87M01	Provided by ST
3	3	C200,C203,C205	Chip Multilayer Ceramic Capacitors for General Purpose	10uF	10V	-	20%	0402	MURATA	GRM155R61A106ME11	
4	7	C201,C302,C305,C306,C307,C308,C309	Chip Multilayer Ceramic Capacitors for General Purpose	100nF	50V	-	10%	0402	MURATA	GRM155R61H104KE14	
5	2	C202,C210	XR5 SMD Multilayer Ceramic Chip Capacitors	1uF	16V	-	10%	0402	KEMET	C0402C105K4PACTU	
6	6	C204,C206,C211,C212,C300,C301	Chip Multilayer Ceramic Capacitors for General Purpose	1uF	25V	-	10%	0402	MURATA	GRM155R61E105KE11	
7	1	C207	Chip Multilayer Ceramic Capacitors for General Purpose	4.7uF	6.3V	-	20%	0402	MURATA	GRM155R60J475ME47	
8	1	C208	Chip Multilayer Ceramic Capacitors for General Purpose	1nF	50V	-	5%	0402	MURATA	GRM1555C1H102JA01D	
9	1	C209	Chip Multilayer Ceramic Capacitors for General Purpose	33pF	50V	-	5%	0402	MURATA	GJM1555C1H330JB01	
10	2	C303,C304	Chip Multilayer Ceramic Capacitors for General Purpose	4.7uF	16V	-	10%	0603	MURATA	GRM185R61C475KE11	
11	1	C310		TBD	16V	-	10%	0603	-	-	NM
12	1	C311		TBD	-	-	-	1206	-	-	NM
13	1	C312	Chip Multilayer Ceramic Capacitors for General Purpose	100pF	50V		5%	0402	MURATA	GRM1555C1H101JA01	
14	2	D300,D304	Red Led - SMD WL-SMCW		-	72 mW	-	0603	WURTH ELEKTRONIK	150060RS75000	
15	3	D301,D302,D303	Green Led - SMD WL-SMCW		-	72 mW	-	0603	WURTH ELEKTRONIK	150060VS75000	
16	2	J200,J203	2 position WR-PHD Pin Header		250 V	3 A	-	-	WURTH ELEKTRONIK	61300211121	
17	4	J201,J207,J208,J209	3 position WR-PHD Pin Header		250 V	3 A	-	-	WURTH ELEKTRONIK	61300311121	
18	1	J204	2 position WR-PHD Pin Header		250 V	3 A	-	-	WURTH ELEKTRONIK	61300211121	NM
19	1	K200	CONNECTOR	1725656					PHOENIX CONTACT	1725656	
20	1	K201	CONNECTOR	FTSH-105-01-L-DV-K					SAMTEC	FTSH-105-01-L-DV-K	
21	2	K202,K204	COAXIAL	60312202114514					WURTH ELEKTRONIK	60312202114514	
22	1	K203	CONNECTOR	61300411121					WURTH ELEKTRONIK	61300411121	NM
23	1	K205	CONNECTOR	20021311-00010T4LF					AMPHENOL	20021311-00010T4LF	
24	1	K206	CONNECTOR	SSQ-106-03-F-S					SAMTEC	SSQ-106-03-F-S	
25	1	K207	CONNECTOR	SSQ-110-03-F-S					SAMTEC	SSQ-110-03-F-S	
26	2	K208,K209	CONNECTOR	SSQ-108-03-F-S					SAMTEC	SSQ-108-03-F-S	
27	1	K300	CONNECTOR	USB micro B					MOLEX	105017-0001	
28	1	K301	NANO SIM CARD CONNECTOR	SIM8060-6-0-14-00-A					GCT	SIM8060-6-0-14-00-A	
29	1	L200	INDUCTOR POWER	100nH		0.22A	5%	0603	MURATA	LQW18ANR10J00	
30	1	L203	EMI Suppression Ferrite Bead WE-CBF	140 Ohms		550 mA	25%	0603	WURTH ELEKTRONIK	742792621	
31	3	Q300,Q301,Q302	N-channel Power MOSFET		20 V	2.3 A	-	SOT-23	STMICROELECTRONICS	STR2N2VH5	
32	18	R200,R208,R209,R211,R212,R230,R231,R233,R236,R237,R239,R240,R306,R310,R311,R317,R319,R321	THICK FILM Resistors	0R			1%	0402	YAGEO	RC0402FR-070RL	NM
33	35	R201,R202,R203,R204,R207,R210,R213,R214,R215,R216,R217,R218,R219,R220,R221,R222,R223,R224,R225,R226,R227,R228,R229,R232,R238,R302,R304,R305,R312,R313,R314,R315,R316,R318,R320	THICK FILM Resistors	0R			1%	0402	YAGEO	RC0402FR-070RL	
34	1	R205	THICK FILM Resistors	24K			0.10%	0402	YAGEO	RT0402BRD0724KL	
35	1	R206	THICK FILM Resistors	51K			0.10%	0402	YAGEO	RT0402BRD0751KL	
36	1	R234	THICK FILM Resistors	18k			1%	0402	YAGEO	RC0402FR-0718KL	
37	1	R235	THICK FILM Resistors	10k			1%	0402	YAGEO	RC0402FR-7D10KL	
38	5	R300,R301,R307,R308,R309	THICK FILM Resistors	1K			5%	0402	YAGEO	RC0402JR-131KL	
39	1	R303	THICK FILM Resistors	4.7K			5%	0402	YAGEO	RC0402JR-074K7L	
40	1	SW300	JS202011CQN					JS202011CQN	C&K	JS202011CQN	
41	14	TP200,TP302,TP303,TP304,TP305,TP306,TP307,TP308,TP309,TP310,TP311,TP312,TP313,TP314	1 position WR-PHD Pin Header		250 V	3 A	-	-	WURTH ELEKTRONIK	61300111121	NM
42	2	TP201,TP315	1 position WR-PHD Pin Header		250 V	3 A	-	-	WURTH ELEKTRONIK	61300111121	
43	1	U200	500 mA low quiescent current and low noise voltage regulator		5.5 V	500 mA	-	DFN6	STMICROELECTRONICS	LD39050PUR	
44	1	U201	CONVERTER					SOT23-5l	STMICROELECTRONICS	LDK320M-R	
45	1	U202	SMCU					vfdpn8-p_127	STMICROELECTRONICS	ST4SIM-200M_VDFDPN8	NM
46	1	U300	Power Switch ICs - Power Distribution		5.5 V	100 mA	-	sc70	ON SEMI	FPF2004	
47	1	U301	USB to UART converter		3.3 V	500 mA	-	QFN-24	SILICON LABS	CP2105-F01-GM	
48	1	U302	TVS Diodes / ESD Suppression Diodes		5.25 V	5 A	-	SOT-23-6	STMICROELECTRONICS	USBLC6-2SC6	
49	1	U303	EMI Filter Circuits		7.9 V	-	-	QFN-8	STMICROELECTRONICS	EMIF03-SIM02M8	
50	5	J201,J203,J207,J208,J209	Jumper Female			-	-		Stelvio Kontek	609251220011	