

Designator	Description	Quantity	Value	Package	Footprint	Manufacturer	Manufacturer Part Number	Mouser Part Number	JLCPCB Part Number
C1	CAP CER 10uF 50V X5R 0805	1	10uF	0805	CAP 0805	Samsung	CL21A106KBYQNNE	187-CL21A106KBYQNNE	C2932476
C2	CAP CER 10uF 50V X5R 0805 DNP	1	DNP	0805	CAP 0805 NC				
C3, C4	CAP CER 10uF 35V X5R 0805	2	10uF	0805	CAP 0805	Murata	GRM21BR6YA106KE43L	81-GRM21BR6YA106KE3L	C162422
C5, C6	CAP CER 10uF 35V X5R 1206	2	DNP	1206	CAP 1206 NC				
CN1, CN2	30A Right Angle Through Hole Power Connectors	2			XT30PW-M-Footprint-1	AMASS	XT30PW-M		C431092
D1	KTS1289 TVS WLCSP32-6	1		WLCSP-6	WLCSP32-6	Kinetic Technologies	KTS1289ECAE-TA	389-KTS1289ECAE-TA	
H1, H2, H3, H4	BRD SPT SNAP LOCK REST MNT 4MM	4			Board Standoffs-Footprint-1	Essentra Components	PSD-4M-19	144-PSD-4M-19	
P1	CONN HEADER VERT 3POS 2.54MM	1		TH	3 Pin Header w_Jumper-Footprint-1	Sullins Connector Solutions	PREC003SAAN-RC		C124376
R1, R3	RES SMD 0603	2	DNP	0603	RES 0603 NL				
R2, R4	RES SMD 1K 1% 1/10W 0603	2	1K	0603	RES 0603	Yageo	RC0603FR-071KL	603-RC0603FR-071KL	C21190
TP1, TP2, TP3, TP4	TERM TURRET SINGLE L=5.56MM TIN	4		TH	KSTN-1502-2	Keystone	1502-2	534-1502-2	C4355001
TP5, TP6, TP9	PC TEST POINT MULTIPURPOSE RED	3		TH	KSTN-5010_V	Keystone	5010	534-5010	C5199813
TP7	PC TEST POINT MULTIPURPOSE YELLOW	1		TH	KSTN-5014_V	Keystone	5014	534-5014	C238128
TP8	PC TEST POINT MULTI PURP ORANGE	1		TH	5013-Footprint-1	Keystone Electronics	5013	534-5013	C5277089
TP10, TP11, TP12	PC TEST POINT MULTIPURPOSE BLACK	3		TH	KSTN-5011_V	Keystone	5011	534-5011	C5199814
U1	5ARMS 28V VBUS Current-Sink Protection Load Switch	1		WLCSP-20	WLCSP54-20	Kinetic Technologies	KTS1897BEIAD-TA	389-KTS1897BEIAD-TA	

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