

QTY	Ref Designator	Description	Value	Tolerance +/-	Rating	Dielectric	Manufacturer	Manufacturer Part Number
1	U1	DA9070 WLCSF42	DA9070				Dialog Semiconductor	DA9070
7	C1,C21,C30,C43-C45,C50	1005 (0402 EIA) SMD Capacitor	1u	10%	10V	X5R	Murata	GRM155R61A105KE15D
1	C14	1005 (0402 EIA) SMD Capacitor	100n	10%	16V	X7R	Murata	GRM155R71C104KA88D
1	C20	1005 (0402 EIA) SMD Capacitor	2u2	10%	10V	X5R	Murata	GRM155R61A225KE95
1	C11	1608 (0603 EIA) SMD Capacitor	10u	20%	25V	X5R	Murata	GRM188R61E106MA73
1	C15	1005 (0402 EIA) SMD Capacitor	4u7	20%	10V	X5R	Murata	GRM155R61A475MEAA
2	C32,C33	1608 (0603 EIA) SMD Capacitor	4u7	10%	25V	X5R	TDK	C1608X5R1E475K080AC
3	C40-C42	1005 (0402 EIA) SMD Capacitor	2u2	10%	6V3	X5R	Murata	GRM155R60J225KE95
1	C23	1005 (0402 EIA) SMD Capacitor	10u	20%	6V3	X5R	Murata	GRM155R60J106ME15
1	C10	1005 (0402 EIA) SMD Capacitor	1u	10%	25V	X5R	Murata	GRM155R61E105KA12D
1	C34	1005 (0402 EIA) SMD Capacitor	2u2	10%	25V	X5R	Murata	GRM155R61E225KE11
2	R50,R51	1005 (0402 EIA) SMD Resistor	10K	1%	63mW		Yageo	RC0402FR-0710KL
3	R52,R56,R57	1005 (0402 EIA) SMD Resistor	100K	1%	63mW		Yageo	RC0402FR-07100KL
1	R10	1005 (0402 EIA) SMD Resistor	1M	1%	63mW		Yageo	RC0402FR-071ML
3	R53-R55	1005 (0402 EIA) SMD Resistor	0R		63mW		Yageo	RC0402JR-070RL
1	R3	1005 (0402 EIA) SMD Resistor	1K	0.10%	63mW		Panasonic	ERA-2AEB102X
1	R1	1005 (0402 EIA) SMD Resistor	14K	1%	63mW		Yageo	RC0402FR-0714KL
1	R2	1005 (0402 EIA) SMD Resistor	14K3	1%	63mW		Yageo	RC0402FR-0714K3L
1	L30	DFE252012 Series SMD Inductor	4u7	20%	Isat=1.9A		Toko	1239AS-H-4R7M
1	L20	DFE201610 Series SMD Inductor	2u2	20%	Isat=2.4A		Murata	DFE201610E-2R2M
1	S50	SPST-NO SMD Switch	SPST-NO				Panasonic	EVP-AA202K
<b>Unpopulated</b>								
1	C13	SMD Electrolytic Capacitor						
1	C31	1608 (0603 EIA) SMD Capacitor						
<b>Connectors</b>								
4	MSC1-MSC4	Round Standoff M2 Steel 5mm	M2x5mm				Würth Elektronik	9774050243R
1	JMP1	1mm Shorting Link					Harwin	D3082-05
1	J15	4mm 16A Right Angled PCB Banana Socket	BLACK				Hirschmann	973582100
1	J14	4mm 16A Right Angled PCB Banana Socket	RED				Hirschmann	973582101
1	J10	MINI USB Type B SMD Right Angle Socket	USB - mini B				TE Connectivity	1734035-2
13	J5,J7,J11,J17,J20-J22,J31,J32,J40-J42,J53	1x2 2.54mm pitch PCB Pin Header VERTICAL					Samtec	TSW-102-07-G-S
5	J2,J43-J45,J51	1x3 2.54mm pitch PCB Pin Header VERTICAL					Samtec	TSW-103-07-G-S
1	J1	1x5 2.54mm pitch PCB Pin Header VERTICAL					Samtec	TSW-105-07-G-S
1	J52	1x8 2.54mm pitch PCB Pin Header VERTICAL					Samtec	TSW-108-07-G-S
1	J30	2x2 2.54mm pitch PCB Pin Header VERTICAL					Samtec	TSW-102-07-G-D
1	J50	2x5 2.00mm pitch SMT PCB Header Right Angle					Samtec	MMT-105-02-L-DH
3	TP20,TP21,TP30	1.60mm PCB Test Terminal BLUE					Keystone Electronics	5127
2	TP31,TP32	Double Turret Terminal					Keystone Electronics	1573-2
1	TP51	1.02mm PCB Test Terminal PC Mini RED					Keystone Electronics	5000
2	TP60,TP61	1.02mm PCB Test Terminal PC Mini BLACK					Keystone Electronics	5001
1	TP50	1.02mm PCB Test Terminal PC Mini WHITE					Keystone Electronics	5002
1	TP52	1.02mm PCB Test Terminal PC Mini ORANGE					Keystone Electronics	5003
2	TP56,TP57	1.02mm PCB Test Terminal PC Mini GREEN					Keystone Electronics	5116
1	TP3	1.02mm PCB Test Terminal PC Mini GREY					Keystone Electronics	5118