

#	Ref Designator	DiaSemi Code	Description	Value	Min Tolerance	Max Tolerance	Rating	Dielectric	Pop/Unpop	Manufacturer	Manufacturer Part Number	Dialog to Supply	BOM Assembly Instruction
1	U2	091-00255	DA7281 FCOFN12	DA7281					Populated	Dialog Semiconductor	DA7281 FCOFN12	Yes	
2	LNK1	004-00001	Jumper Link 2.54mm Open Blue	22-3555					Populated	Rapid	22-3555		Fit to J2-3
3	LNK2	004-00001	Jumper Link 2.54mm Open Blue	22-3555					Populated	Rapid	22-3555		Fit to J3-1-2
4	C5	016-00027	1005 (0402 EIA) SMD Capacitor	100n	-10%	-10%	10V	X5R	Populated	Murata	GRM155R61A104KA010		
5	C11	016-00042	1608 (0603 EIA) SMD Capacitor	10u	-20%	-20%	6V3	X5R	Populated	Murata	GRM188R60J106ME47D		
6	C1	016-00047	1005 (0402 EIA) SMD Capacitor	470p	-10%	-10%	50V	X7R	Populated	Murata	GRM155R71H471KA010		
7	C2	016-00047	1005 (0402 EIA) SMD Capacitor	470p	-10%	-10%	50V	X7R	Populated	Murata	GRM155R71H471KA010		
8	C6	016-00321	1005 (0402 EIA) SMD Capacitor	1u	-10%	-10%	6V3	X5R	Populated	Taiyo Yuden	IMK105B105KV-F		
9	C4	016-00344	0603 (0201 EIA) SMD Capacitor	100n	-10%	-10%	10V	X7S	Populated	TDK	C0603X751A104K030BC		
10	R3	022-00481	1005 (0402 EIA) SMD Resistor	2K2	-1%	-1%	63mW		Populated	Yageo	RC0402FR-072K2L		
11	R4	022-00481	1005 (0402 EIA) SMD Resistor	2K2	-1%	-1%	63mW		Populated	Yageo	RC0402FR-072K2L		
12	R1	022-00515	1005 (0402 EIA) SMD Resistor	100K	-1%	-1%	63mW		Populated	Yageo	RC0402FR-07100KL		
13	R2	022-00515	1005 (0402 EIA) SMD Resistor	100K	-1%	-1%	63mW		Populated	Yageo	RC0402FR-07100KL		
14	R5	022-00727	1005 (0402 EIA) SMD Resistor	5K6	-1%	-1%	63mW		Populated	Yageo	RC0402FR-075K6L		
15	J2	072-00003	1x3 2.54mm pitch PCB Pin Header VERTICAL (2.54mm tail)	TSW-103-07-G-S					Populated	Samtec	TSW-103-07-G-S		
16	J3	072-00003	1x3 2.54mm pitch PCB Pin Header VERTICAL (2.54mm tail)	TSW-103-07-G-S					Populated	Samtec	TSW-103-07-G-S		
17	C10	016-00321	1005 (0402 EIA) SMD Capacitor	1u	-10%	-10%	6V3	X5R	Unpop	Taiyo Yuden	IMK105B105KV-F		
18	C3	016-00321	1005 (0402 EIA) SMD Capacitor	1u	-10%	-10%	6V3	X5R	Unpop	Taiyo Yuden	IMK105B105KV-F		
19	C7	016-00321	1005 (0402 EIA) SMD Capacitor	1u	-10%	-10%	6V3	X5R	Unpop	Taiyo Yuden	IMK105B105KV-F		
20	C8	016-00344	0603 (0201 EIA) SMD Capacitor	100n	-10%	-10%	10V	X7S	Unpop	TDK	C0603X751A104K030BC		
21	C9	016-00344	0603 (0201 EIA) SMD Capacitor	100n	-10%	-10%	10V	X7S	Unpop	TDK	C0603X751A104K030BC		
22	J1	072-00010	1x10 2.54mm pitch PCB Pin Header VERTICAL (2.54mm tail)	TSW-110-07-G-S					Unpop	Samtec	TSW-110-07-G-S		
23	J4	072-00010	1x10 2.54mm pitch PCB Pin Header VERTICAL (2.54mm tail)	TSW-110-07-G-S					Unpop	Samtec	TSW-110-07-G-S		
24	U1	091-00254	DA7281 WLCSPI2	DA7281					Unpop	Dialog Semiconductor	DA7281 WLCSPI2	Yes	
25	TP1	194-00013	Unpop Round Pad 2.25mm x 1.50mm Hole PTH Test Point No Silkscreen	PTH Pad Round 2.25mm x 1.50mm Hole					Unpop				
26	TP2	194-00013	Unpop Round Pad 2.25mm x 1.50mm Hole PTH Test Point No Silkscreen	PTH Pad Round 2.25mm x 1.50mm Hole					Unpop				
27	J5	195-00021	Unpop Edge Connector - mates with JAE Electronics MM60-52B1-E1-B050	CON JAE-MM60-52B1-EX Mating Footprint					Unpop				