

#	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	091-00277	DA7283 FCQFN12						Populated	Dialog Semiconductor	DA7283 FCQFN12	Yes	
2	LNK1	004-00001	Jumper Link 2.54mm Open Blue	22-3555					Populated	Rapid	22-3555		Fit to J2:1-2
3	C3	016-00027	1005 (0402 EIA) SMD Capacitor	100n	-10%	-10%	10V	X5R	Populated	Murata	GRM155R61A104KA01D		
4	C7	016-00042	1608 (0603 EIA) SMD Capacitor	10u	-20%	-20%	6V3	X5R	Populated	Murata	GRM188R60J106ME47D		
5	C1	016-00047	1005 (0402 EIA) SMD Capacitor	470p	-10%	-10%	50V	X7R	Populated	Murata	GRM155R71H471KA01D		
6	C2	016-00047	1005 (0402 EIA) SMD Capacitor	470p	-10%	-10%	50V	X7R	Populated	Murata	GRM155R71H471KA01D		
7	C10	016-00085	1005 (0402 EIA) SMD Capacitor	100n	-10%	-10%	16V	X7R	Populated	Murata	GRM155R71C104KA88D		
8	C11	016-00085	1005 (0402 EIA) SMD Capacitor	100n	-10%	-10%	16V	X7R	Populated	Murata	GRM155R71C104KA88D		
9	C12	016-00085	1005 (0402 EIA) SMD Capacitor	100n	-10%	-10%	16V	X7R	Populated	Murata	GRM155R71C104KA88D		
10	C6	016-00321	1005 (0402 EIA) SMD Capacitor	1u	-10%	-10%	6V3	X5R	Populated	Taiyo Yuden	JMK1058J105KV-F		
11	C8	016-00344	0603 (0201 EIA) SMD Capacitor	100n	-10%	-10%	10V	X7S	Populated	TDK	C0603X7S1A104K030BC		
12	R3	022-00508	1005 (0402 EIA) SMD Resistor	47K	-1%	-1%	63mW		Populated	Yageo	RC0402FR-0747KL		
13	R4	022-00508	1005 (0402 EIA) SMD Resistor	47K	-1%	-1%	63mW		Populated	Yageo	RC0402FR-0747KL		
14	R5	022-00508	1005 (0402 EIA) SMD Resistor	47K	-1%	-1%	63mW		Populated	Yageo	RC0402FR-0747KL		
15	R1	022-00515	1005 (0402 EIA) SMD Resistor	100K	-1%	-1%	63mW		Populated	Yageo	RC0402FR-07100KL		
16	R2	022-00515	1005 (0402 EIA) SMD Resistor	100K	-1%	-1%	63mW		Populated	Yageo	RC0402FR-07100KL		
17	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		
18	S1	074-00001	SPST-NO SMD Switch	SPST-NO					Populated	Omron	B3S-1000		
19	S2	074-00001	SPST-NO SMD Switch	SPST-NO					Populated	Omron	B3S-1000		
20	S3	074-00001	SPST-NO SMD Switch	SPST-NO					Populated	Omron	B3S-1000		
21	U1	091-00278	DA7283 WLCSP12	DA7283					Unpop	Dialog Semiconductor	DA7283 WLCSP12	Yes	
22	C4	016-00321	1005 (0402 EIA) SMD Capacitor	1u	-10%	-10%	6V3	X5R	Unpop	Taiyo Yuden	JMK1058J105KV-F		
23	C9	016-00321	1005 (0402 EIA) SMD Capacitor	1u	-10%	-10%	6V3	X5R	Unpop	Taiyo Yuden	JMK1058J105KV-F		
24	C5	016-00344	0603 (0201 EIA) SMD Capacitor	100n	-10%	-10%	10V	X7S	Unpop	TDK	C0603X7S1A104K030BC		
25	J3	072-00002	1x2 2.54mm pitch PCB Pin Header VERTICAL (2.54mm tail)	TSW-102-07-G-S					Unpop	Samtec	TSW-102-07-G-S		
26	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		
27	TP1	994-00013	Unpop Round Pad 2.25mm x 1.50mm Hole PTH Test Point No Silkscreen	PTH Pad Round 2.25mm x 1.50mm Hole					Unpop				
28	TP2	994-00013	Unpop Round Pad 2.25mm x 1.50mm Hole PTH Test Point No Silkscreen	PTH Pad Round 2.25mm x 1.50mm Hole					Unpop				
29	J4	995-00021	Unpop Edge Connector - mates with JAE Electronics MM60-52B1-E1-R650.	CON_JAE-MM60-52B1-EX Mating Footprint					Unpop				
30	SP1	996-00001	Unpop Shorting Point	Short					Unpop				If Value=Short then apply solder across terminals