

MAX19692/MAX19693EV Kit Bill Of Materials

Item	Reference	Qty	Value	Tolerance	Description	Part Number	Manufacturer
1	C1, C2	2	100pF	±5%	0402 Ceramic Capacitor, SMT, 50V	C1005C0G1H101J GRM1555C1H101J	TDK Murata
2	C3, C4, C12, C13	4	0.1µF	±20%	0402 Ceramic Capacitor, SMT, 10V	C1005X5R1A104M	TDK
3	C5-C8, C24-C31	12	1.0µF	±20%	0402 Ceramic Capacitor, SMT, 6.3V	EEFTV151XAP	PANASONIC
4	C9, C10, C11	0	-	-	0603 Capacitors, SMT, Not Installed	-	-
5	C14, C15, C16	3	47µF	±20%	C-Case Tantalum Capacitor, SMT, 16V	TPSC476M016R0350 594D476X0016C2T	AVX Vishay
6	C17-C23	7	10µF	±20%	0805 Ceramic Capacitor, SMT, 6.3V	C2012X5R0J106M GRM21BR60J106M	TDK Murata
7	C32 – C47	16	0.1µF	±20%	0201 Ceramic Capacitor, SMT, 6.3V	C0603X5R0J104M	TDK
8	DATA-CLKP, DATA-CLKN	0	-	-	SMA PC Mount Connector, Vertical, Not installed	-	-
9	CLK, OUT	2	-	-	PC edge mount 0.92" SMA Connector	32K243-40ML5	Rosenberger
10	H1, H2	2	-	-	Vertical 2x60 surface mount high speed socket connectors	QSH-060-01-L-D-A	Samtec
11	JU1, JU2, JU7, JU8	4	-	-	2x4 pin header(Cut to Fit)	PEC36SAAN	Sullins Electronic Corp.
12	JU3, JU4, JU5, JU9*	4 (3*)	-	-	3 Pin Headers (Cut to Fit)	PEC36SAAN	Sullins Electronic Corp.
13	JU6	0	-	-	2-pin headers, No Installed	PEC36SAAN	Sullins Electronic Corp.
14	L1, L2, L3	3	-	-	1812 Chip bead cores, SMT	EXC-CL4532U1	PANASONIC
15	L4, L5	2	2.2uH	±5%	2520 wire-wound chip inductors, SMT, 0.47A	1008CS-222XJLB	Coilcraft
16	R1	1	10.0 kOhm	±1%	0603 chip resistor, SMT		
17	R2, R3	0	-	-	0402 chip resistor, SMT, Not Installed		
18	R4	0	-	-	0603 chip resistor, SMT, Not Installed		
19	R5, R6	2	49.9 Ohm	±1%	0402 chip resistors, SMT		
20	R7	1	2.0 kOhm	±0.1%	0603 chip resistor, SMT		
21	R8	1	499 Ohm	±1%	0402 chip resistor, SMT		
22	R9, R11	2	174 kOhm	±1%	0603 chip resistor, SMT		

23	R10, R12	2	100kOhm	±1%	0603 chip resistor, SMT		
24	SW1	1	-	-	Switch, Momentary, Push-Button, SMT	B3S-1000	Omron Electronics
25	T1 - T4	4	-	-	1:1 3000MHz RF Transformers	TC1-1-13M+	Mini-Circuits
26	TP1	0	-	-	Test point, Not Installed		
27	VDD1.8, AVDD3.3, AVCLK	3	-	-	PC Test Point, Red	5000	Keystone Electronics
28	GND	3	-	-	PC Test point, black	5001	Keystone Electronics
29	U1 (MAX19692)	1	-	-	12-Bit, 2.3Gsps, Digital-to-Analog Converter, 169 CSBGA	MAX19692EXW-D	Maxim
30	U1 (MAX19693)	1	-	-	12-Bit, 4Gsps, Digital-to-Analog Converter, 169 CSBGA	MAX19693EXW-D	Maxim
31	U2	1	-	-	High-Accuracy Supervisory Circuit, 6-SOT23	MAX6710LUT+ (Top Mark: AAZL)	
32	U3	1	-	-	1.25V precision voltage reference, 8 SO	MAX6161AESA+ or MAX6161BESA+	Maxim
33	-	8 (7*)	-	-	Shunts (JU1-JU5, JU7-JU9*)	STC02SYAN	Sullins Electronic Corp.
34		1	-	-	PCB, 1 Oz Impedance Controlled	MAX19692 / MAX19693 Evaluation Kit	Maxim
35		1			FMC ADAPTER CARD	MAXDACFMCADP1	Maxim

*MAX19693EVKIT Excludes JU9