

SD344 Bill of Materials

Comment	Description	Designator	Distributor Name	Distributor Part Number	Footprint	Manufacturer Name	Manufacturer Part Number	Quantity
4.7UF	Chip cap, X7R, +80/-20%, 50V, 0603, Chip cap, X7R, +80	C1, C7, C8	Digi-Key	1385-2-ND, PCC231	0603	Panasonic - ECG, TDK	C3216X7R1C475K,	3
1UF	1uF Cap, X7R, 0402, Chip cap, X7R, 0603	C2, C3, C4	Digi-Key	PCC2224TR-ND, PC	0402	Panasonic - ECG	ECJ-0EB0J105M, E	3
0.01UF	CAP 1000PF 25V CERAMIC 0402 SMD, Chip cap, X7R, C	C5, C6, C9, C10, C1	Digi-Key	399-1091-2-ND, 399	0402	Kemet, Panasonic - ECG	C0603C103K5RACT	5
100PF	100pF Capacitor, Ceramic, 0603	C12, C13	Digi-Key	399-1061-2-nd	0603	Kemet	C0603C101J5GACT	2
0.1UF	CAP CERM .1UF 6.3V X7R 0402	C14, C17	Digi-Key	399-4872-1-ND	0402	Kemet	C0402C104K9RACT	2
0.5PF	Cap Ceramic 0.5pF 50V NPO 0402	C15	Digi-Key	311-1001-1-ND	0402	Yageo	CC0402CRNP09BN	1
LED	Green LED 0603	D1	Digi-Key	160-1183-1-ND		LITE-ON INC	LTST-C190GKT	1
BNC_EDGE	BNC, 75-ohm, Amphenol, Edge Launch	J1			BNC_edge	Amphenol	031-6009	1
SMA_R_EDGE	SMA Receptacle, Edge Launch, Johnson Components	J2, J3	Digi-Key	J657-ND	sma-edge-tab	Johnson Components	142-0701-851	2
HDR_3X2	HEADER 3X2, 0.1" Jumper Header	JP2	Digi-Key	929836-02-36-ND	HDR_3X2	3M/ESD	929836-02-036	1
HDR_3	3-PIN HEADER, 0.1"	JP3	Digi-Key	929834-02-36-ND	SIP3	3M/ESD	929834-02-36	1
HDR_2	2-PIN HEADER, 0.1"	JP4, PS1, PS2	Digi-Key	1287-STK_ND, 9298	SIP2	3M/ESD, Keystone	1287-ST, 929834-02	3
6.2nH	6.2nH, 0402, Inductor	L1	Mouser Electronics	S1-LQP15MN6N2B0	0402	Murata SMD Chip Inductor	LQP15MN6N2B02D	1
75	75 Ohm Resistor, 0402	R1, R2	Digi-Key	311-75.0LRCT-ND	0402	Yageo America	RC0402FR-0775RL	2
300	300 Ohm, Resistor, 0603	R4	Digi-Key	P300GTR-ND	0402	Panasonic - ECG	ERJ-3GEYJ301V	1
37.4	RES 37.4 OHM 1/16W 1% 0402 SMD	R5	Digi-Key	541-37.4LCT-ND	0402	Vishay/Dale	CRCW040237R4FK	1
0	0 Ohm Resistor 0603	R6	Digi-Key	P0.0GCT-ND	0402	Panasonic	ERJ-3GEY0R00V	1
LMH0344	LMH0344 EQ	U1			LLP-16	National Semiconductor	LMH0344	1