

Analog Devices
LTC4372HMS8, LTC4373HMS8

Bill Of Materials
DC2969A2-GENERAL BOM
6/17/2020 2:14 PM

Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				NUMBER OF BOARDS =	280
1	1	CGB	CAP.,0.01uF,X7R,100V,20%,0805	AVX, 08051C103MAT2A	280
2	0	CSNUBB,CSNUBA	CAP., 1206	OPT	0
3	2	C1B,C1A	CAP.,0.1uF,X7R,25V,20%,0805	AVX, 08053C104MAT2A	560
4	0	C2B,C2A,C3B,C3A,C4B,C4A	CAP., 0805	OPT	0
5	2	C5B,C5A	CAP.,10uF,X7R,63V,10%,1210	MURATA, GRM32ER71J106KA12L	560
6	0	D1B,D1A,D2A,D3A,D5B,D5A	DIODE,SMA	OPT	0
7	1	D2B	DIODE,TVS,UNI-DIRECT,33V,400W,SMA	DIODES INC., SMAJ33A-13-F	280
8	1	D3B	DIODE,TVS,UNI-DIRECT,28V,400W,SMA	DIODES INC., SMAJ28A-13-F	280
9	1	D4A	DIODE,SWITCHING,100V,300mA,SOD-123	DIODES INC., 1N4148W-7-F	280
10	0	D4B	DIODE,SWITCHING,100V,300mA,SOD-123	DIODES INC., 1N4148W-7-F	0
11	0	D6B	DIODE,SWITCHING,300V,250mA,SOD523	DIODE INC., BAS521-7	0
12	8	E1,E2,E3,E4,E5,E6,E7,E8	TEST POINT,TURRET,0.094" MTG. HOLE	MILL-MAX, 2501-2-00-80-00-00-07-0	2240
13	4	E9,E10,E11,E12	TEST POINT,TURRET,0.064" MTG. HOLE	MILL-MAX, 2308-2-00-80-00-00-07-0	1120
14	1	JP1A	CONN.,HDR,MALE,1x3,2mm,VERT, STR, THT	Würth Elektronik, 62000311121	280
15	1	JP1B	CONN.,HDR,MALE,1x5,2mm,VERT, STR, THT	Würth Elektronik, 62000511121	280
16	8	J1,J2,J3,J4,J5,J6,J7,J8	CONN.,BANANA JACK,FEMALE,THT	KEYSTONE, 575-4	2240
17	2	M1B,M1A	XSTR.,POWER MOSFET, N-CH,80V,100A,PG-TDSON8	INFINEON, BSC026N08NS5	560
18	1	M2B	XSTR.,MOSFET, N-CH,60V 2m Ohm, D2PAK	NEXPERIA, PSMN1R7-60BS	280
19	2	RGB,R1A	RES.,1k OHMS,5%,1/8W,0805	VISHAY, CRCW080510K0JNEA	560
20	0	RSNUBB,RSNUBA	RES., 1210	OPT	0
21	2	R1B,R4A	RES.,0 OHM,1/2W,0805,PULSE PROOF HIGH PWR	VISHAY, CRCW08050000Z0EAHP	560
22	2	R2B,R2A	RES.,0 OHM,3/4W,1206,PULSE PROOF HIGH PWR	VISHAY, CRCW12060000Z0EAHP	560
23	0	R3B,R3A,R8B	RES., 0805	OPT	0
24	1	R4B	RES.,10 OHMS,5%,1/8W,0805	VISHAY, CRCW080510R0JNEA	280
25	2	SHUNTS ON JP1A, JP1B PINS 1&2 (LO)	CONN., SHUNT, FEMALE, 2 POS, 2mm	Würth Elektronik, 60800213421	560
26	4	MH1-MH4	STANDOFF,NYLON,SNAP-ON,0.50"	Würth Elektronik, 702935000	1120
27	2	STENCILS FOR TOP AND BOTTOM SIDES	STENCILS (TOP & BOTTOM)	STENCILS, DC2969A-2	2

<i>Item</i>	<i>Qty</i>	<i>Reference</i>	<i>Part Description</i>	<i>Manufacturer / Part #</i>	<i>Kit Qty</i>
DC2969A1-A					NUMBER OF BOARDS = 140
1	1		DC2969A1-GENERAL BOM		1
2	0	R5B,R6B,R7B	RES., 0805	OPT	0
3	2	U1A,U1B	IC., MICROPOWER IDEAL DIODE CONTROLLER, MS8	ANALOG DEVICES, LTC4372HMS8	280
DC2969A1-B					NUMBER OF BOARDS = 140
1	1		DC2969A1-GENERAL BOM		1
2	1	R5B	RES.,1.2M OHMS,1%,1/8W,0805	VISHAY, CRCW08051M20FKEA	140
3	1	R6B	RES.,1.3M OHMS,1%,1/8W,0805	VISHAY, CRCW08051M30FKEA	140
4	1	R7B	RES.,3.4M OHMS,1%,1/8W,0805	VISHAY, CRCW08053M40FKEA	140
5	2	U1A,U1B	IC., MICROPOWER IDEAL DIODE CONTROLLER, MS8	ANALOG DEVICES, LTC4373HMS8	280