

ANALOG DEVICES
HMC433E, HMC432E, HMC4343E

Bill Of Materials
DC1075B2-GENERAL BOM
8/21/2018 9:57 AM

Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				NUMBER OF BOARDS =	150
1	8	C1,C3,C4,C5,C9,C11,C12,C14	CAP., 0.01uF, X7R, 16V, 10%, 0402	AVX, 0402YC103KAT2A	1200
2	1	C2	RES., CHIP, 0 OHM, 1/16W, 1%, 0402	VISHAY, CRCW04020000Z0ED	150
3	2	C6,C7	CAP., 10uF, X7R, 25V, 20%, 1206	MURATA, GRM31CR71E106KA12L	300
4	1	C8	CAP., 4.7uF, X5R, 10V, 10%, 0805	AVX, 0805ZD475KAT	150
5	0	C10	CAP., 0402	OPT	0
6	2	E1,E2	TEST POINT, TURRET, 0.064"	MILL-MAX, 2308-2-00-80-00-00-07-0	300
7	1	J1	CON., SMA 50-OHM EDGE-LAUNCH, FEMALE	CINCH/ BEL, 142-0701-851	150
8	1	J2	CON., SMA 50-OHM EDGE-LAUNCH, MALE	CINCH/ BEL, 142-0801-801	150
9	2	L1,L2	IND.,60 OHMS,FERRITE BEAD,25%,1000mA,0.20 OHMS,0603	MURATA, BLM18PG600SN1D	300
10	1	R1	RES., CHIP, 16.9, 1/10W, 1%, 0402	VISHAY, CRCW040216R9FKED	150
11	2	R2,R7	RES., CHIP, 294, 1/16W, 1%, 0402	VISHAY CRCW0402294RFKED	300
12	4	R3,R4,R9,R10	RES., CHIP, 1K, 1/16W, 1% 0402	VISHAY, CRCW04021K00FKED	600
13	1	R5	RES., CHIP, 10, 1/16W, 1%, 0402	VISHAY, CRCW040210R0FKED	150
14	1	R6	RES., CHIP, 33.2, 1/16W, 1%, 0402	VISHAY, CRCW040233R2FKED	150
15	0	R8	RES., 0402	OPT	0
16	1	U2	IC,TINY LOGIC ULP-A D-TYPE FLIP FLOP,US8	ON SEMI., NC7SV74K8X	150
17	1	U3	IC,REGULATOR LINEAR,3V,300mA, MS8	ANALOG DEVICES, LT1962EMS8-3	150
18	1		STENCILS FOR TOP SIDE ONLY	DC1075B-2	1

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Bill Of Materials
DC1075B2-ABC
8/21/2018 9:57 AM

<i>Item</i>	<i>Qty</i>	<i>Reference</i>	<i>Part Description</i>	<i>Manufacturer / Part #</i>	<i>Kit Qty</i>
DC1075B1-A					NUMBER OF BOARDS = 50
1	1		DC1075B2-GENERAL BOM		1
2	1	U1	I.C., GaAs HGT MMIC DIVIDE-BY-4, SOT26	ANALOG DEVICES, HMC433E	50
DC1075B1-B					NUMBER OF BOARDS = 50
1	1		DC1075B2-GENERAL BOM		1
2	1	U1	I.C., GaAs HGT MMIC DIVIDE-BY-2, SOT26	ANALOG DEVICES, HMC432E	50
DC1075B1-C					NUMBER OF BOARDS = 50
1	1		DC1075B2-GENERAL BOM		1
2	1	U1	I.C., GaAs HGT MMIC DIVIDE-BY-8, SOT26	ANALOG DEVICES, HMC434E	50