

**Analog Devices**  
**LTC2686IUJ-18/-16/-12**

**Bill Of Materials**  
**DC2904A2-GENERAL BOM**  
4/10/2020 12:12 PM

Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				<b>NUMBER OF BOARDS =</b>	<b>330</b>
1	4	C1,C6,C7,C16	CAP.,10uF,X5R,25V,10%,1206	TDK, C3216X5R1E106K085AC	1320
2	12	C2-C4,C8-C15,C17	CAP.,0.1uF,X7R,25V,10%,0603	AVX, 06033C104KAT2A	3960
3	1	C5	CAP.,0.01uF,X7R,25V,10%,0603	AVX, 06033C103KAT2A	330
4	0	C18-C49	CAP., 0402	OPT	0
5	3	D1,D2,D3	DIODE,SCHOTTKY,30V,200mA,SOT-23	DIODES INC, BAT54C-7-F	990
6	23	E1-E23	TEST POINT,TURRET,0.064",MTG. HOLE	MILL-MAX, 2308-2-00-80-00-00-07-0	7590
7	5	JP1-JP5	CONN., HDR, MALE, 1x3, 2mm, THT, STR	Wurth Elektronik, 62000311121	1650
8	1	J1	CONN., HDR., MALE, 2x7, 2mm, THT, VERT	MOLEX, 87831-1420	330
9	1	LED1	LED,RED,CLEAR,LED-WE-150141	WE, 150141RS73100	330
10	8	L1-L8	RES., 0 OHM, 1/8W, 0805	VISHAY, CRCW08050000Z0EA	2640
11	1	Q1	XSTR.,MOSFET, N-CHAN,60V,300mA,SOT-23	VISHAY, 2N7002K-T1-E3	330
12	0	R1,R10	RES., 0603	OPT	0
13	7	R3-R9	RES.,4.99k OHMS,1%,1/10W,0603	VISHAY, CRCW06034K99FKEA	2310
14	1	R11	RES.,1k OHM,1%,1/10W,0603	VISHAY, CRCW06031K00FKEA	330
15	8	R12,R14,R16,R18,R20,R22,R24,R26	RES., 0 OHM, 1/16W, 0402	VISHAY, CRCW04020000Z0ED	2640
16	0	R13,R15,R17,R19,R21,R23,R25,R27	RES., 0402	OPT	0
17	1	U2	IC,LOW NOISE, LDO MICROPOWER REG.,SOT23-5	ANALOG DEVICES, LT1761ES5-5	330
18	1	U3	IC, MEMORY,EEPROM,2Kb (256x8),TSSOP8	MICROCHIP, 24LC025-I/ST	330
19	5	JP1-JP5 PINS 1&2	CONN., SHUNT, FEMALE, 2 POS, 2mm	Wurth Elektronik, 60800213421	1650
20	2		STENCILS FOR TOP AND BOTTOM SIDES	DC2904A-2	2

**Analog Devices**  
**LTC2686CUJ-18/-16/-12**

**Bill Of Materials**  
**DC2904A2-ABC**  
4/10/2020 12:12 PM

<i>Item</i>	<i>Qty</i>	<i>Reference</i>	<i>Part Description</i>	<i>Manufacturer / Part #</i>	<i>Kit Qty</i>
<b>DC2904A2-A</b>					<b>NUMBER OF BOARDS = 110</b>
1	1		DC2904A2-GENERAL BOM		1
2	1	U1	I.C., 8-CH, 18-Bit, SPI VOUT DAC, QFN40UJ-6X6	ANALOG DEVICES, LTC2686CUJ-18	110
<b>DC2904A2-B</b>					<b>NUMBER OF BOARDS = 110</b>
1	1		DC2904A2-GENERAL BOM		1
2	1	U1	I.C., 8-CH, 16-Bit, SPI VOUT DAC, QFN40UJ-6X6	ANALOG DEVICES, LTC2686CUJ-16	110
<b>DC2904A2-C</b>					<b>NUMBER OF BOARDS = 110</b>
1	1		DC2904A2-GENERAL BOM		1
2	1	U1	I.C., 8-CH, 12-Bit, SPI VOUT DAC, QFN40UJ-6X6	ANALOG DEVICES, LTC2686CUJ-12	110