

















Comment	Description	Designator	Footprint Quantity 51022-0200
	2 Pin	JTAG FPGA.	
	2*5 Pin	JTAG_STM32	IDC10
O/NONE	RES_0806 By used crystal	R59, R60 R3	RES_0806 RES_0806
1:1	Transformer	T6	TRANSF_ACORE
1:1+1 1:4 ADT4-6T	Transformer Transformer	T3	TRANSF_ACORE2 TRANSF_ACORE2
1k	RES 0805	R17, R18, R19, R25,	RES 0805
1m	RES_0805	R26, R49, R50, R52 R29	RES 0805
		C7, C11, C12, C13,	
1uF	CAP_0805	C14, C15, C35, C92,	CAP_0805
1uF	CAP_1206	C119, C121, C122 C102, C103	CAP_1206
1uF 10V	CAPAE_4.3x4.3h5.4	C25, C26, C29	CAPAE_4.3x4.3h5.4
1.5k 2SC5103TLP	RES_0805 Transistor BJT NPN	R16, R66	RES_0805 25C5103TLQ
2.7n	CAP_0805	C1 C37	CAP_0805
3.3uH	IND_1812	L1	IND_1812
4.7uF 16V 5.6	CAPAE_6.6x6.6h5.4 RES_1206	C1 R62, R63	CAPAE_6.6x6.6h5.4 RES_1206
5.6k	RES_0805	R5, R6, R7, R9, R51	RES_0805
6p 7.5k	CAP_0805 RES_0805	C38, C39 R1	CAP_0805 RES_0806
7.5p	CAP_0805	C55	CAP_0805
8mHz	ECS-200-20-1	Y2	ECS-200-20-1
8.2n 10	CAP_0805 RES_0603	C136 R68, R69	CAP_0805 RES_0603
10k	RES_0805	R10, R13, R24, R27, R28, R30, R31, R32, R33, R36, R37, R38, R39, R46, R47, R48,	RES_0805
10n	CAP_0805	R56, R57 C63, C137	CAP_0805
10p	CAP_0805	C127	CAP_0805
10uF	CAP_0805	C40 C41 C50 C52	CAP_0805
		C64, C66, C68 C8, C20, C22, C24,	
10uF 10V	CAPAE_4.3x4.3h5.4	C32, C54, C60, C75,	CAPAE_4.3x4.3h5.4
10uF 20V	CAPAE_4.3x4.3h5.4	C77, C80, C85 C101, C108	CAPAE_4.3x4.3h5.4
10uH	Inductor	C101, C108 L37	IND_FERRITE_CORE
12.288mHz TCXO 3.3v	Crystal or Oscillator	XG2	581L200X2ITT
TTL/CMOS 22	RES_0805	R40, R53, R54, R58	RES_0806
22p	CAP_0805 CAPAE_4.3x4.3h5.4,	C42, C43	CAP_0805
22uF 10V	CAPAE_4.3x4.3h5.4, [NoValue], EEEFC_sizeB	C2, C125, C126	CAPAE_4:3x4:3h5:4
22uH	IND_1206	L7	14-1210
24	RES_0805	R41, R42, R43, R64,	RES_0806
25P80	25P80	R65 U9	25P80
30k	RES_0805	R8, R55	RES_0805
39k 47k	RES_0805 RES_0805	R2 R12, R14, R15, R45	RES_0806 RES_0806
56	RES_0805	R44, R67	RES_0805
82 100	RES_0805 RES_0806	R22, R23 R34, R35	RES_0806 RES_0806
100	ME2_DB02	C3, C4, C5, C6, C9,	RES_0805
		C83, C84, C86, C87, C88, C89, C91, C93, C94, C95, C96, C97, C98, C99, C100, C107, C109, C110, C112, C113, C114, C115, C117, C118, C120, C123, C124, C134,	
122.88mHz	NV7050SA VG-4513CA- 122.8800M-GGCT3	C135	NV7050SA
130	RES_0805	R20, R21	RES_0806
220p 220uF 10V	CAP_0805	C27, C28, C30	CAP_0805
330	CAPAE_4.3x4.3h5.4 RES_0805	C33, C34 R61	EEEFC_sizeC RES_0805
470p	CAP_0805	C10, C90, C104, C116	CAP_0805
680 680o	RES_0805 CAP 1206	R11 C105. C106	RES_0805 CAP 1206
ABS25-32.768KHZ-6-T	Crystal or Oscillator	Υ1	ABS25
ACP3225-501-2P-T	Transformer	T1	TRANSF_ICORE
ADC	SMA	J10	31-5431
ADJ-5k	306J	R71	306J SOIC127P1032X265-
ADUM4160BRWZ	Integrated Circuit	U19	16N
BAT54C	BATS4C	D2	BAT54C
BLM21 CR1220	BLM21 BR1632A/FA	L3, L8 B1	CAP_0805 KLSS-CR1220-01
DAC5674IPHP	Integrated Circuit	UB	QFP50P900X900X100-
DAC OUT	SMA	19	49N 31-5431
EP4CE22E22C8N	EP4CE22E22C8N	U10	QFP144-20-2222A
FAN FPC-45P-0.5mm	51022-0200 Connector	17 16	51022-0200 FH12545S05SH60
JX2	JX2	13.8V	JX2
L7812CD2T-TR	Integrated Circuit	U21 U14	L7812CD2TTR LT1117/CST.3.3
LD1117-1.8 LD1117-3.3	LT1117CST-1.8 LT1117CST-3.3	U13	LT1117CST-3.3 LT1117CST-3.3
LD1117DT-1.2 LD1117DT-2.5	LD1117DT-1.2 DPAK LD1117DT-2.5 DPAK	U12 U11	TO228P991X238-3N TO228P991X238-3N
LD1117DT-3.3	LD1117DT33 DPAK	U18	TO228P991X238-3N
		4.00	LD3985
LD3985	LD3985	U2	
	LD3985 LM1084IS-3.3 LTC2209CUP	U6 U16	LM1085-3.3 LTC2208CUP
LD3985 LM1084IS-3.3	LD3985 LM1084IS-3.3	U6	XTC02082UP ET-U0-16_N
LD3985 LM1084IS-3.3 LTC2208CUP LTC6400IUD-204PBF	L0998 LM10841S-3 3 LTC2208CUP Single Channel, Low Noise, Low Distortion Differential ADC Driver for 300 MHz IF, 1800 MHz Typical GBW, 4500 V/us Typical SR, 2.85 to 3.5 V, 16-Pin GFN (UD- 16), Industrial, Pb- Free 2 Pin	U16	ETC2206CUP ET-UD-16_N
LOSSES LTC2208CUP LTC400UD-204PBF MIC_IN2 NONE	LD9985 LMTGBUS 3 3 LTC2200CUP Single Channel, Low Noise, Low Distortion Differential ADC Driver for 300 MHz IF, 1800.MHz Typical GBW, 4900 VIV. 180, Industrial, Pb- free CAP, 0805	U16 U17 U17 MIC_IN2 C36	ET-UD-16_N ET-UD-16_N 51022-0000 CAP 5885
LD9985 LTC2208CUP LTC6400IUD-20#PBF MIC_IN2 NONE OPA2673IRGVT	L0986 IdC200GUP Single Channel, Low Noise, Low Distortion Differential ADC Diver for 30 Metal* 1900 Metal* 1900 Metal* 1900 Metal* 1900 Metal* 1901 Me	U16 U17 Mic_IN2 C26 U20	ET-LID-16_N
L03985 LTC2208CUP LTC6400UD-20IPBF LTC6400UD-20IPBF JMC_IN2 DPA2673IRGVT PAM8406	LD0985 MITGELOS LT	U16 U17 U17 MC_IN2 C36 U20 U1	\$17.2005.UP \$17.40-16_N \$19.27.0000 \$29.000004001100 17N-0 \$49.66603
LD9985 LTC2208CUP LTC400CUD-204PBF LTC640CUD-204PBF MIC_IN2 NONE OPA2673IRGVT PAMBIGG PTT IN	BO9865 MITOGROUP Single Channel, Low Noire, Low Distortion Differential ADC Diver for 300 Me½ IF, 1800 Me½ IF, 1800 Me½ IF, 1800 Me½ IF, 1800 Me¾ IF	U16 U17 Mic_IN2 C26 U20	\$102208GUP \$1102-16_N \$1022-0200 \$AP-0005 \$102-0200 \$102-0200 \$102-0200 \$102-0200 \$102-0200
L03985 LTC2208CUP LTC6400UD-20IPBF LTC6400UD-20IPBF JMC_IN2 DPA2673IRGVT PAM8406	LD0985 MITGELOS LT	U16 U17 U17 MIC_IN2 C26 U20 U1 PTT_IN J4	\$17.2005.UP \$17.40-16_N \$19.27.0000 \$29.000004001100 17N-0 \$49.66603
LD9985 LTC2209CUP LTC6400UD-204PBF MIC_IN2 NONE PPAM906 PTT_IN FF-UNIT	LD0985 LD0985 LD00805 LD00800LP LD008000LP LD00800LP LD008000LP LD008000LP LD008000LP LD008000LP LD008000LP LD008000LP LD008000LP LD008000LP LD008000LP LD0080000LP LD0080000000000000000000000000000000000	U16 U17 MRC IN2 C26 U20 U1 PTI_IN J4 J1_J_Z_J_J_J5 D1_D3_D29_D3_D3_D3 D4_D3_D_D3_D_D3_D3_D3	17-120-0-0-P 17-120-14-34 17-120-14-34 18-15022-0-0-0 18-1502-0-0 18-1502-0 18-1502-0-0 18-1502-0-0 18-1502-0-0 18-1502-0-0 18-1502-0-0 18-1502-0-0 18-1502-0 18-1502-0 18-1502-0 18-1502-0 18-
LD9865 LTC2200CUP LTC6400UD-204PBF LTC6400UD-204PBF MBC_IN2 NONE PAMENO PAMENO PT-UNT S11-352NG SMAIS OA-TR SPEAKER	LDOWES LDOWES LHOUSELY LHOUSEL LHOUSELY LHOUSELY LHOUSELY LHOUSELY LHOUSELY LHOUSELY LHOUSELY	06 U16 U17	17-200-0-P 17-10-10-10-10-10-10-10-10-10-10-10-10-10-
ILDONGS 3 ILTC2000LUP ILTC2000LUP ILTC4000LUP 20IPPF ILTC4000LUP 20IPPF INC	LDWISS LDWISS LHTDRICK Single Channel, Low Noise, Low Distortion Differential AND Differential Different	U17 MSC_IN2 C16 U20 C16 U20 U17 PTT_IN 14 17_12_I3_5 U24_U35_U36_U37_U36_U36_U37_U36_U36_U37_U36_U36_U37_U36_U36_U37_U36_U36_U37_U36_U36_U36_U36_U36_U36_U36_U36_U36_U36	\$17.00.16_H \$1.00.16_H
(LD096) LTC4000LD 20P66 LTC4000LD 20P66 LTC4000LD 20P66 MC_NV2 MONE NV2 MONE NV2	LD096 MN0965.3 MN0965	185 MIG BIQ COS DIS DIS DIS DIS DIS DIS DIS DIS DIS DI	17.000.000 17.000.0000 17.0000 17.000.000 17.000.000 17.000.000 17.000.000 17.000.000 17.000.000 17.000.0
ILDONGS 3 ILTC2000LUP ILTC2000LUP ILTC4000LUP 20IPPF ILTC4000LUP 20IPPF INC	LDWISS LDWISS LHTDRICK Single Channel, Low Noise, Low Distortion Differential AND Differential Different	U17 MSC_IN2 C16 U20 C16 U20 U17 PTT_IN 14 17_12_I3_5 U24_U35_U36_U37_U36_U36_U37_U36_U36_U37_U36_U36_U37_U36_U36_U37_U36_U36_U37_U36_U36_U36_U36_U36_U36_U36_U36_U36_U36	\$17.00.16_H \$1.00.16_H