





















Component	Description	Designator	Footprint	Quantity
	2 Pin	ROOT	01022-0200	1
	276 Pin	7TAG, 7PGA, 7TAG, 7TAD2	10C10	2
	RES_0805	R99, R60	RES_0805	2
07NCR06	Bystrated crystal	R3	RES_0805	1
1:1	Transformer	9	TRANSF_ACORE	1
1:1.1	Transformer	13	TRANSF_ACORE2	1
1:3 AG14.601	Transformer	14	TRANSF_ACORE2	1
W	RES_0805	R17, R18, R19, R25, R26, R49, R50, R52	RES_0805	6
W	RES_0805	R9	RES_0805	1
W	RES_0805	C7, C11, C12, C13, C14, C15, C16, C19, C19, C21, C22	CAP_0805	11
W	CAP_1206	C102, C103	CAP_1206	2
W	CAPAE_4.3k4.3h5.4	C25, C26, C29	CAPAE_4.3k4.3h5.4	3
1:5	RES_0805	R16, R66	RES_0805	2
25C31031P	Transistor BJT NPN	Q1	25C31031G	1
2:3n	CAP_0805	C37	CAP_0805	1
1:3nH	IND_1012	L1	IND_1012	1
4.3hF 16V	CAPAE_4.0k4.0h5.4	C1	CAPAE_4.0k4.0h5.4	1
RES_1206	R62, R63	RES_1206	RES_1206	2
RES_0805	R5, R6, R7, R9, R51	RES_0805	RES_0805	5
W	CAP_0805	C38, C39	CAP_0805	2
1:5	RES_0805	R1	RES_0805	1
2:5p	CAP_0805	C35	CAP_0805	1
8mHz	RES_200-20-1	C2	RES_200-20-1	1
2:2n	CAP_0805	C19	CAP_0805	1
W	RES_0603	R68, R69	RES_0603	2
W	RES_0805	R10, R11, R24, R27, R28, R30, R31, R32, R33, R36, R37, R38, R39, R46, R47, R48, R56, R57	RES_0805	18
W	CAP_0805	C63, C137	CAP_0805	2
W	CAP_0805	C121	CAP_0805	1
W	CAP_0805	C40, C41, C50, C52, C64, C66, C68	CAP_0805	1
W	CAPAE_4.3k4.3h5.4	C8, C20, C23, C24, C32, C54, C60, C75, C77, C80, C85	CAPAE_4.3k4.3h5.4	11
W	CAPAE_4.3k4.3h5.4	C101, C108	CAPAE_4.3k4.3h5.4	2
W	Inductor	L37	IND_FERRITE_CORE	1
12.28MHz TCXO 3.3v TTL CMOS	Crystal or Oscillator	XG2	88L200XG2T	1
W	RES_0805	R40, R53, R54, R58	RES_0805	4
W	CAP_0805	C51, C43	CAP_0805	2
22uF 10V	CAPAE_4.3k4.3h5.4 (No Value) EEPFC -unc	C2, C125, C126	CAPAE_4.3k4.3h5.4	3
22uF	IND_1206	L7	14.1230	1
24	RES_0805	R41, R42, R43, R44, R65	RES_0805	5
25P80	25P80	L9	25P80	1
W	RES_0805	R5, R59	RES_0805	2
W	RES_0805	R7	RES_0805	1
W	RES_0805	R12, R14, R15, R45	RES_0805	4
W	RES_0805	R44, R67	RES_0805	2
W	RES_0805	R22, R23	RES_0805	2
W	RES_0805	R34, R35	RES_0805	2
W	CAP_0805	C1, C4, C5, C6, C9, C16, C19, C21, C23, C31, C44, C45, C46, C47, C48, C49, C51, C53, C56, C57, C58, C59, C61, C62, C65, C67, C69, C70, C71, C72, C73, C74, C76, C78, C79, C81, C82, 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, C135	CAP_0805	66
122.88MHz	WV7055A VC-451CA V22.8800M-GG(T)	XG1	WV7055A	1
130	RES_0805	R20, R21	RES_0805	2
120uF	CAP_0805	C37, C38, C39	CAP_0805	3
200uF 10V	CAPAE_4.3k4.3h5.4	C33, C34	EEPFC -unc	2
130	RES_0805	R61	RES_0805	1
C10p	CAP_0805	C10, C50, C104, C116	CAP_0805	4
680	RES_0805	R11	RES_0805	1
400n	CAP_1206	C105, C106	CAP_1206	2
400C25.32.760KHz 6-T	Crystal or Oscillator	X1	400C25	1
0.25W 50V 20-T	Transformer	T1	TRANSF_ACORE	1
85C	85A	T0	11.5431	1
ADU176	ADU1	B71	ADU176P1033K365- 1M	1
ADUM1400BRWZ	Integrated Circuit	U19	ADUM1400BRWZ	1
BA174C	BA174C	Q2	BA174C	1
BA174T	BA174T	L1, L3	CAP_0805	2
CR1220	BR1620AFA	B1	BR1620AFA	1
1AC5674P4P	Integrated Circuit	U8	2P350P900X900X100 P4P	1
85C	85A	Q9	11.5431	1
EP4K10K-22-8N	EP4K10K-22-8N	U10	2P1714-20.2222A	1
14N	01022-0200	7	01022-0200	1
2PC-ASP 4.5mm	Connectors	J6	2112450050400	1
R2	R2	L1, R6	R2	1
3812C102-1R	Integrated Circuit	U61	3812C102TTR	1
ED11T1.1-8	ED11TCS1.1-8	U4	ED11TCS1.1-8	1
ED11T1.1-3	ED11TCS1.1-3	U3	ED11TCS1.1-3	1
ED11T1T01-1.2	ED11T01-1.2-UPAK	U12	ED11T01-1.2-UPAK	1
ED11T1T01-2.5	ED11T01-2.5-UPAK	U11	ED11T01-2.5-UPAK	1
ED11T1T01-1.1	ED11T01-1.1-UPAK	U18	ED11T01-1.1-UPAK	1
U10985	U10985	U2	U10985	1
U10985-3.3	U10985-3.3	U6	U10985-3.3	1
U122000P	U122000P	U16	U122000P	1
LT6400UD-200PBF	Single Channel, Low Noise, Low Distortion Differential ADC Driver for 300 MHz IF 1800 MHz Typical GSM, 400V I/O Typical SR: 2.85 to 3.5 V, 16 Pin QFN (UD- N), Industrial, Pb- Free	U17	LT6400UD-200PBF	1
MAC_RN2	2 Pin	MAC_RN2	01022-0200	1
MAC_RN2	CAP_0805	C36	CAP_0805	1
SPAN7380C1T	Integrated Circuit	U20	2P160P1600X400X100 17N, D	1
PA28M05	PA28M05	U1	PA28M05	1
PTE_RN	01022-0200	PT1_RN	01022-0200	1
RF-400T	276 Pin	J4	RF131-0136	1
ST1-202NMG	ST1-202NMG	L1, L2, L3, L5	ST1-202NMG	4
5MAUS-6A-TR	Diode	D1, D3, D29, D30, D31, D34, D35, D36, D37, D38, D39, D40	5MAUS-6A-TR	12
SP14K18	4 pins.com	U15	sp14k18.com	1
U1210	U1210	U3	U1210	1
U1420143W16- rev V	U1420143W16	U5	U1420143W16	1
Thermistor 20k	Thermistor	U19	U19-2A10-3-3950A1	1
U68	U174000-3	U1	U174000-3	1
U252216	U252216	U7	U252216	1
U68071	U68071	U4	U68071	1