

Bill of Material for 6100A-Main.Bom

Used	Part Type	Designator	Footprint	Description
32	0.1u	C102 C105 C108 C111 C201 C202 C203 C204 C207 C208 C209 C210 C211 C212 C215 C220 C221 C222 C251 C261 C262 C301 C302 C305 C306 C307 C308 C329 C345 C346 C385 C386 C311 C321	RC1206	Capacitor
2	0.01u	R303	RC1206	Capacitor
1	1.5k	D101 D102	RC1206	Resistor
7	1N4001	D103 D104 D105 D106 D107	DIODESMD1	Diode
1	1N4148	D341	SOT23-3	Diode,Dual
1	1N5819	D108	DO-214AA	Diode
7	1k	R301 R332 R342 R350 R351 R352 R353	RC1206	Resistor
5	2N3904	T261 T381 T382 T383 T384	SOT23-3	Transistor
1	2N4392	T385	SOT23-3	Transistor,JFET,N-Ch
3	2k	R205 R206 R306	RC1206	Resistor
2	3.3V	D345 D346	SOT23-3	Diode,Zener
2	3.6k	R383 R384	RC1206	Resistor
1	3PIN	SK322	SIP-3	Connector
2	3PIN	SK102 SK301	SK3.96-3	Connector
1	3k	R341	RC1206	Resistor
5	5.1k	R211 R212 R220 R262 R263	RC1206	Resistor
1	5.6V	D109	DO-214AA	Diode,Zener
3	5PIN	SK302 SK303 SK321	SIP-5	Connector
2	6N137	U206 U207	DIP-8	Optical-Coupler
1	6PIN	SK260	SK2.54-6	Connector
1	6PIN	SK101	SK3.96-6	Connector
1	8.2k	R334	RC1206	Resistor
1	10R	L323	RC1206	Ferrite Bead
2	10k	R331 R333	RC1206	Resistor
6	10u/25v	C103 C106 C109 C112 C213 C260	CAP-5.3-4.3	Capacitor
1	12.000MHZ	X201	XSMD	Oscillator
1	12k	R320	RC1206	Resistor
1	15PIN	SK351	SIP-15	Connector
2	22k	R381 R382	RC1206	Resistor
13	30k	R302 R311 R312 R313 R314 R321 R322 R323 R327 R328 R329 R336 R337	RC1206	Resistor
3	33R	R261 R264 R265	RC1206	Resistor
1	51R	R348	RC1206	Resistor
1	100M	R361	RC1206	Resistor
1	100R	R363	AXIAL0.9	Resistor

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1	100R	R347	RC1206	Resistor
6	100k	R335 R362	RC1206	Resistor
		R364 R365		
		R368 R369		
7	120R	L201 L202	RC1206	Ferrite Bead
		L301 L321		
		L322 L361		
		L362		
1	200R	R305	RC1206	Resistor
8	220p	C331 C332	RC1206	Capacitor
		C350 C352		
		C361 C362		
		C368 C369		
5	470R	R202 R204	RC1206	Resistor
		R207 R307		
		R308		
1	470u/25V	C110	CAP-400	Capacitor
2	820k	R345 R346	RC1206	Resistor
2	1000u/50V	C101 C104	CAP-500	Capacitor
1	2200u/25V	C107	CAP-500	Capacitor
2	AD706	U302 U303	SO-8-N	IC,Analog,OPAMP
1	AD711JR	U332	SO-8-N	IC,Analog,OPAMP
1	BAV99	D301	SOT23-3	Diode,Dual
1	CD74HC4053	U321	SO-16-N	IC,Analog,Switch
1	DB9 Male	SK202	DB9-M	
1	DG409CY	U361	SO-16-N	IC,Analog,Multiplexer
1	DG508	U362	SO-16-N	IC,Analog,Multiplexer
1	KA78L05AMTF	U104	SOT-89	IC,Analog,Regulator
1	KA7818E	U101	TO-220A	IC,Analog,Regulator
1	KA7918	U102	TO-220A	IC,Analog,Regulator
1	LM358	U383	SO-8-N	IC,Analog,OPAMP
1	LM399H	U301	LM399H	IC,Analog,Voltage Ref,Buried Zener
1	LM7805E	U103	TO-220A	IC,Analog,Regulator
1	LS844-S08	U381	SO-8-N	IC,Analog,Dual Matched NJFET
1	MAX202CSE	U208	SO-16-N	IC,Digital,RS232 Transciever
1	MAX708CSA	U211	SO-8-N	IC,Digital,MCU SVS
1	MC9S08QD4CSC	U261	SO-8-N	MC9S08QD4,MCU,IC
1	MC74AC74AD	U221	AXIAL0.4	IC,Digital,Flip-Flop
1	MC1403	U384	SO-8-N	IC,Analog,Voltage Ref,Bandgap
1	MINDIN6S	SK262	MINIDIN6S	PS/2 Keyboard Socket, Connect
1	N80C196KB16	U201	PLCC-68	IC,Digital,MCU
2	OP27GS	U331 U382	SO-8-N	IC,Analog,OPAMP
1	SINK1	HS101	SINK1	Heat Sink
1	TL082CD	U350	SO-8-N	IC,Analog,OPAMP
1	W29C020CP90Z	U202	PLCC-32	IC,Digital,Flash Memory
1	W24257AS-35	U203	SO-28-W	IC,Digital,RAM
1	XC9536PC44	U220	PLCC-44	IC,Digital,CPLD