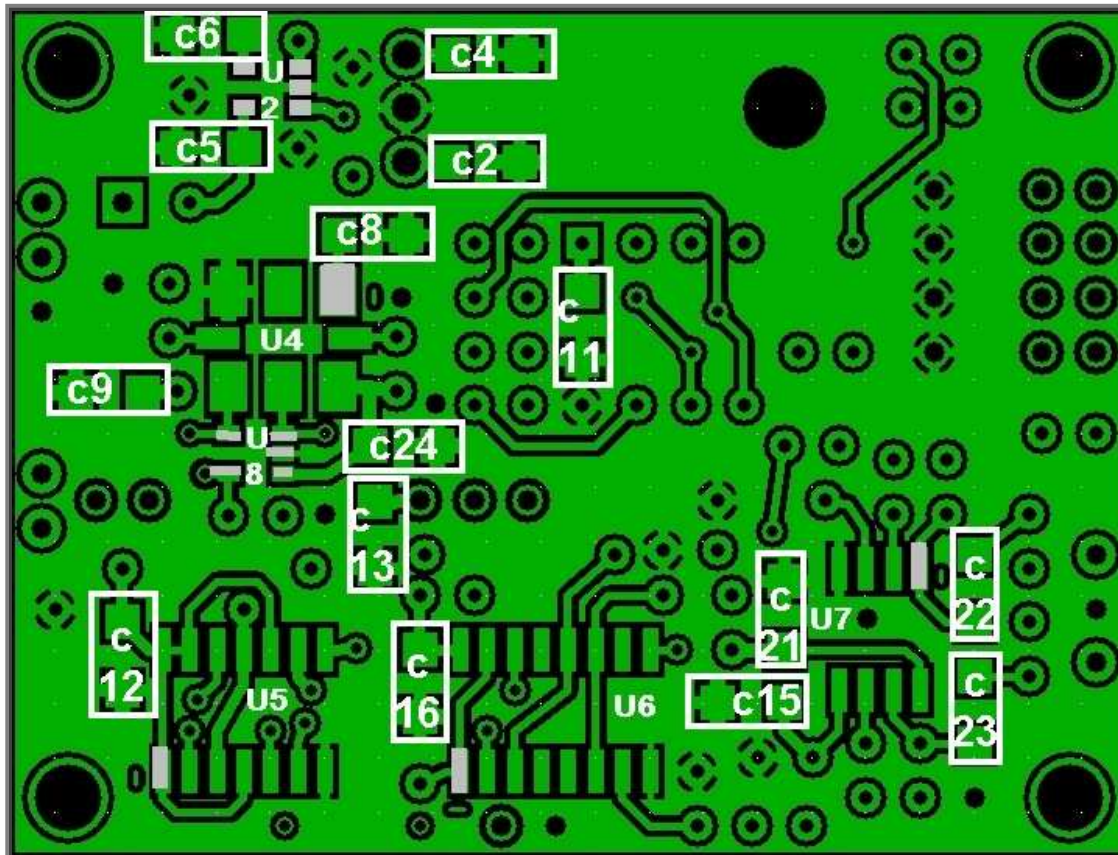


Board Bottom

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Board (Viewed from the Bottom)



Bill of Materials - Bottom-Side

Designation	Component	Type	Qty	Notes	Circuit
C02	0.1 μ F	SMT 1206	1	(bottom) At pin 1 pad of U1	PS-1
C04	0.01 μ F	SMT 1206	1	(bottom)	PS-1
C05	0.01 μ F	SMT 1206	1	(bottom)	PS-2
C06	0.01 μ F	SMT 1206	1	(bottom)	PS-2
C08	0.01 μ F	SMT 1206	1	(bottom)	LO
C09	0.01 μ F	SMT 1206	1	(bottom)	LO
C11	0.01 μ F	SMT 1206	1	(bottom)	LO
C12	0.01 μ F	SMT 1206	1	(bottom)	DIV
C13	0.01 μ F	SMT 1206	1	(bottom)	OpAmp

C15	0.1 μF	SMT 1206	1	(bottom) Adjacent to U7	OpAmp
C16	0.01 μ F	SMT 1206	1	(bottom)	Mixer
C21	0.1 μF	SMT 1206	1	(bottom) Adjacent to U7	OPAMP
C22	0.1 μF	SMT 1206	1	(bottom) Adjacent to U7	OPAMP
C23	0.1 μF	SMT 1206	1	(bottom) Adjacent to U7	OPAMP
C24	0.01 μ F	SMT 1206	1	(bottom)	LO
U2	LP2992AIMS-3.3V	SOT23-5 3.3v Regulator	1	(bottom)	PS-2
U4	Si570 LVDS	Oscillator	1	(bottom)not from Tony	LO
U5	74AC74	SOIC-14 SMT Dual FF	1	(bottom)	DIV
U6	FST3253MX	SOIC-14 SMT Mixer	1	(bottom)	Mixer
U7	LT6231	SOIC-8 OpAmp	1	(bottom)	OpAmp
U8	FIN1002	SOT23-5 Diff LVDS Rcvr	1	(bottom)	LO

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