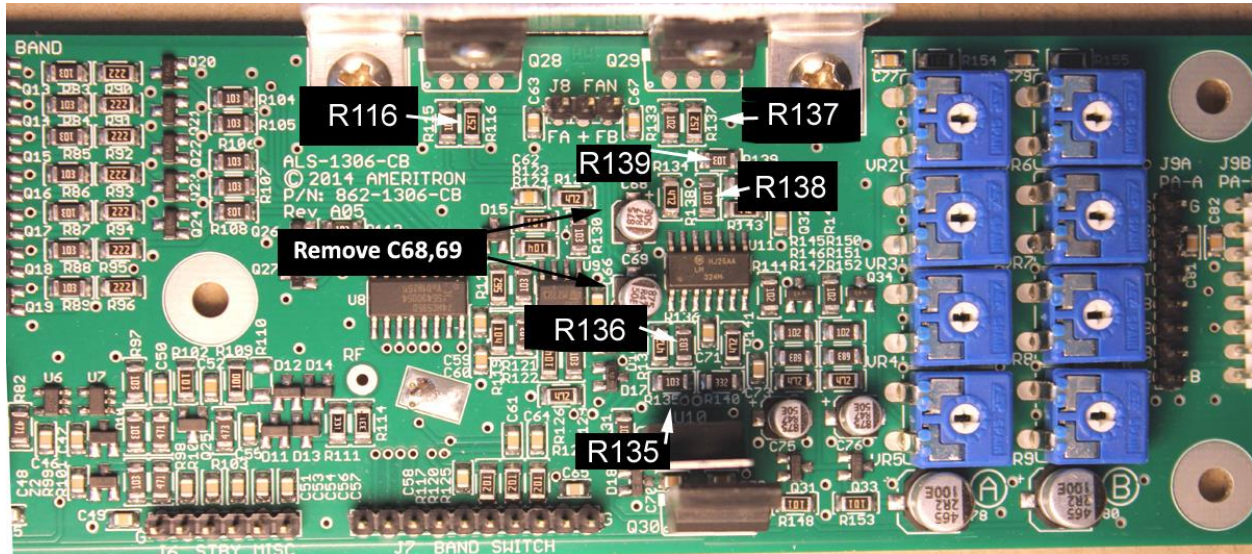


Fan Speed Correction ALS606, ALS1300 (late), ALS1306

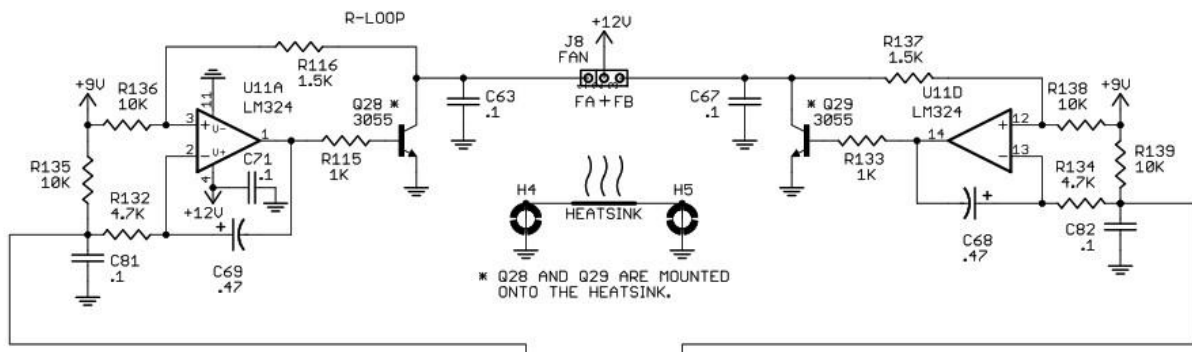
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Resistor values are printed in two-digit resistance and number of zeros. 152 = 1500 ohms

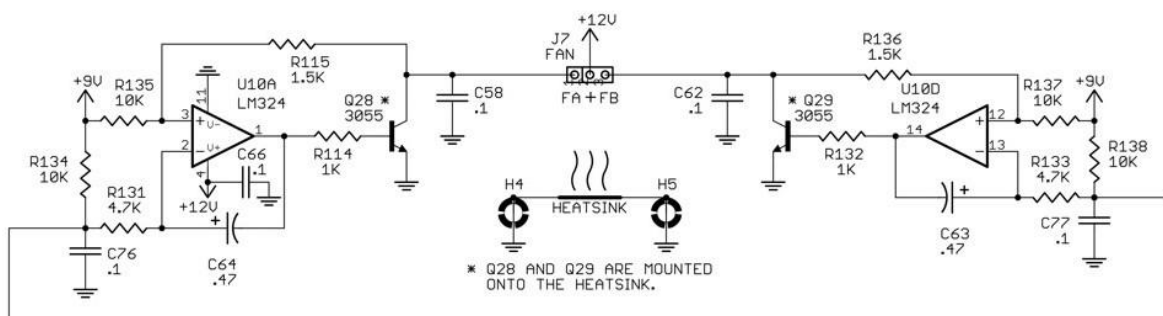
103=10,000 ohms 101=100 ohms 100=10 ohms 472 =4700 ohms



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Note: Some boards re-number the resistors!!!! Be careful if there is not an exact position and parts value match!



For R139	R135	Stock values		up to 1/1/19				
10000	Rts							
Rt	V thrmst	V drop R	Cold/Hot	V Fan	Fan B	Fan A		
10000	4.5	4.5	72.3%	9.98	R137	R116	1500	
6531	3.56	5.44	80.2%	11.06	R138	R136	10000	
4368	2.74	6.26	87.0%	12.00	R139	R135	10000	
2986	2.07	6.93	92.5%	12.77				
2083	1.55	7.45	96.9%	13.37				
1480	1.16	7.84	100.0%	13.80				
1070	0.87	8.13	100.0%	13.80				
786.6	0.66	8.34	100.0%	13.80				
587.6	0.50	8.50	100.0%	13.80				
470	0.40	8.60	100.0%	13.80				

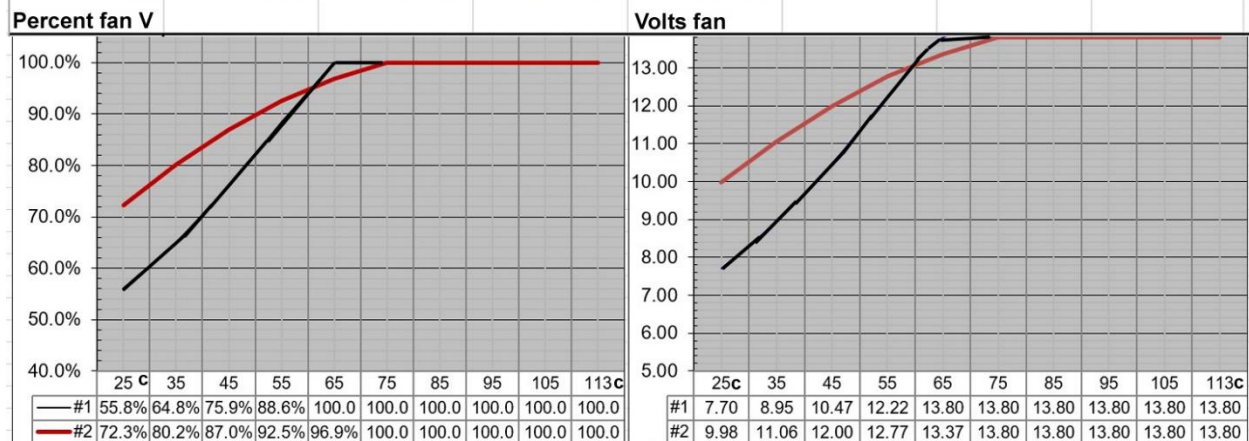
These are stock values!

Red trace in graph #2 table

For R139	R135	Supply= 13.8						
1500	Rts							
Rt	V thrmst	V drop R	Cold/Hot	V Fan	Fan B	Fan A		
10000	7.826	1.174	55.8%	7.70	R137	R116	2200	
6531	7.319	1.681	64.8%	8.95	R138	R136	1500	
4368	6.699	2.301	75.9%	10.47	R139	R135	1500	
2986	5.991	3.009	88.6%	12.22				
2083	5.232	3.768	100.0%	13.80				
1480	4.470	4.530	100.0%	13.80				
1070	3.747	5.253	100.0%	13.80				
786.6	3.096	5.904	100.0%	13.80				
587.6	2.533	6.467	100.0%	13.80				
470	2.147	6.853	100.0%	13.80				

These are modified values

Black trace in graph #1 table



For R139 10000	R135 Rts	Stock values		up to 1/1/19					
Rt	V thrms	V drop	R	Cold/Hot	V Fan	Fan B	Fan A		
10000	4.5	4.5	72.3%	9.98	R137	R116	1500		
6531	3.56	5.44	80.2%	11.06	R138	R136	10000		
4368	2.74	6.26	87.0%	12.00	R139	R135	10000		
2986	2.07	6.93	92.5%	12.77					
2083	1.55	7.45	96.9%	13.37					
1480	1.16	7.84	100.0%	13.80					
1070	0.87	8.13	100.0%	13.80					
786.6	0.66	8.34	100.0%	13.80					
587.6	0.50	8.50	100.0%	13.80					
470	0.40	8.60	100.0%	13.80					

These are stock values!

Red trace in graph #2 table

For R139	R135	Supply=	13.8				
1500	Rts						
Rt	V thrms	V drop R	Cold/Hot	V Fan	Fan B	Fan A	
10000	7.826	1.174	55.8%	7.70	R137	R116	2200
6531	7.319	1.681	64.8%	8.95	R138	R136	1500
4368	6.699	2.301	75.9%	10.47	R139	R135	1500
2986	5.991	3.009	88.6%	12.22			
2083	5.232	3.768	100.0%	13.80	These are modified values Black trace in graph #1 table		
1480	4.470	4.530	100.0%	13.80			
1070	3.747	5.253	100.0%	13.80			
786.6	3.096	5.904	100.0%	13.80			
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