



**LAYER PROFILE**  
**MAX19692/19693 EVALUATION KIT Rev-B**  
All dimensions in mil (0.001 inch) unless otherwise specified.

100 OHM Differential  
Impedance  
Measurements

	Trace Width	Spacing	Trace Width		
Layer 1	12.5mil	7.5mil	12.5mil		1.4mil
	ROGERS 4003C (this layer ONLY) Er = 3.38				8 mil
Layer 2	GND				0.7mil
	PREPREG Er = 4.2				8mil
Layer 3	4.5mil	5.5mil	4.5mil		0.7mil
	PREPREG Er = 4.2				8mil
Layer 4	GND				0.7mil
	PREPREG Er = 4.2				8mil
Layer 5	4.5mil	5.5mil	4.5mil		0.7mil
	PREPREG Er = 4.2				8mil
Layer 6	GND				0.7mil
	CORE AS NEEDED				
Layer 7	GND				0.7mil
	PREPREG Er = 4.2				8mil
Layer 8	4.5mil	5.5mil	4.5mil		0.7mil
	PREPREG Er = 4.2				8mil
Layer 9	GND				0.7mil
	PREPREG Er = 4.2				8mil
Layer 10	4.5mil	5.5mil	4.5mil		0.7mil
	PREPREG Er = 4.2				8mil
Layer 11	GND				0.7mil
	PREPREG Er = 4.2				8mil
Layer 12	N/A	N/A	N/A		1.4mil

92mil

N/A – Not Available. Do NOT route traces of this type on the indicated layer

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3/21/2008