

STACKUP			Target Z (ohms) - MicroStrip					50	Breakout	85		Breakout	
			Target Z (ohms) - StripLine					50		85			
			Z tolerance					±10%		±10%			
			Z Type					Single	Single	Differential		Differential	
Layer#	Material	Description	Copper Weight (oz)	Thickness (mil)	Tolerance (mil)	Glass Fabric	Er	Width	Width	Width	Space	Width	Space
		Soldermask		0.60			3.8						
1		TOP	0.5+plating	1.95				4.3	3.5	5.2	8.2	3.9	4.1
	EM-828G	PP		2.70	±0.709	1080x1	3.7						
2		GND	1 (RG311)	1.30									
	EM-828G	CORE		4.00	±0.709	3313x1	3.7						
3		IN1	1 (RG311)	1.30				4.9	3.5	6.1	8	3.9	4.1
	EM-828G	PP		9.00	±1.5	2116x2	3.8						
4		GND1	1 (RG311)	1.30									
	EM-828G	CORE		4.00	±0.709	3313x1	3.7						
5		VCC	1 (RG311)	1.30									
	EM-828G	PP		8.10	±1.5	3313x2	3.8						
6		VCC1	1 (RG311)	1.30									
	EM-828G	CORE		4.00	±0.709	3313x1	3.7						
7		GND2	1 (RG311)	1.30									
	EM-828G	PP		9.00	±1.5	2116x2	3.8						
8		IN2	1 (RG311)	1.30				4.9	3.5	6.1	8	3.9	4.1
	EM-828G	CORE		4.00	±0.709	3313x1	3.7						
9		GND3	1 (RG311)	1.30									
	EM-828G	PP		2.70	±0.709	1080x1	3.7						
10		BOTTOM	0.5+plating	1.95				4.3	3.5	5.2	8.2	3.9	4.1
		Soldermask		0.60			3.8						
			Total	63.00	±10%								