



ESPRESSIF SYSTEMS				
乐鑫信息科技（上海）股份有限公司				
Title ESP32-S3-BOX				
Task 36377			Rev 2.4	
Date Fri, Sep 17, 2021		Confidential and Proprietary		
Thickness	Impedance	Width	Separation	Gap
1.0 mm	90 ohm	7.3 mil	5 mil	5 mil

Stack up	Material	Base copper (OZ)	Thickness (mil)	DK
CM	Finished Copper 1 OZ	0.33	0.6	4
L1-Trip	FR208 TG150 RC50%		8.22	4.6
L2-core	Core	1	1.2	4.6
L3-Prepreg	FR208 TG150 RC50%		8.22	4.6
L4-Prepreg	FR208 TG150 RC50%		8.22	4.6
SM	Finished Copper 1 OZ	0.33	0.6	4