Protel99se 导出贴片坐标文件教程



2)设定原点。选择【Edit】/【Origin】/【Set】,设定坐标原点在**PCB板框外的左下角**。



麦斯艾姆,最贴心的研发伙伴!www.massembly.com 研发样板贴片焊接,BGA 返修焊接。普通3天,加急1天!

3) 导出坐标数据。选择【File】/【Cam Manager…】,出现输出数据向导界面

Output Vizard				? ×
	This wizard will lead you through the steps to produce a manufacturing output from your PCB. To begin the wizard's task, Click Next.			

按"Next",选择输出数据类型为 Pick Place.

Output ♥izard		? 🛛	
	What kind of outpu	it do you want to make?	
	Bom	(Generates a bill of materials)	
	DRC	(Checks for design rule violat	
	Gerber	(Generates Gerber files)	
	NC Drill	(Generates NC drill files)	
	Pick Plan	ce (Generates pick and place file	
	Test Points(Generates a test point report		
	1		
	Cancel	Back Next > Finish	



再按"Next"继续,文件格式选择 CSV、单位选择 Metric。

然后选择【Tools】/【Preference…】, 在弹出的 CAM Options 对话框中设定 输出坐标文件所在的目录.



选择【Tools】/【Generate CAM Files】 在指定路径下生成坐标文件。

📕 Design Explorer -	[C:\Program Files\De	sign Explorer 99 SE\E	
🌁 🤝 File Edit View	Tools Mindow Help		
18 🛱 🖬 🧳 Y 🧃	CAM <u>W</u> izard		
	<u>G</u> enerate CAM Files F9	tputs for BOARD 1.cam	
Board1.ddb Board 1	Set Target Board		
Name		Type	
Pick Place Output 1	<u>P</u> references	Pick Place	

🕽 Pick Pla	ce for BOARD 1	- 记事本			- 0 ×
文件(2)编辑	(E) 格式(E) 查看(Y) 帮助 (X)			
)esignator	Footprint	Mid X	Mid Y	Ref X	~
Ref Y	Pad X	Pad Y TB	Rotatio	n Comment	
44	MOIRE	176.7332mm	89.1286mm	176.7332mm	
39.1286mm	176.7332mm	89.1286mm	Τ	0.00 MOIRE	
J1	DIP14	92.1004mm	177.8254mm	99.7204mm	_
181.6354mm	99.7204mm	181.6354mm	T ·	180.00 7404	
J2	DIP14	113.6904mm	174.0154mm	117.5004mm	
166.3954mm	117.5004mm	166.3954mm	Т	90.00 7404	
J3	DIP14	126.3904mm	174.0154mm	130.2004mm	
166.3954mm	130.2004mm	166.3954mm	Т	90.00 7404	
14	DIP14	141.6304mm	174.0154mm	145.4404mm	
166.3954mm	145.4404mm	166.3954mm	т	90.00 7404	
J5	DIP14	159.4104mm	174.0154mm	163.2204mm	
166.3954mm	163.2204mm	166.3954mm	т	90.00 7404	
J7	DIP14	113.6904mm	148.6154mm	117.5004mm	
140.9954mm	117.5004mm	140.9954mm	т	90.00 7404	
J8	DIP14	126.3904mm	148.6154mm	130.2004mm	
140.9954mm	130.2004mm	140.9954mm	T	90.00 7404	
J9	DIP14	141.6304mm	148.6154mm	145.4404mm	~
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