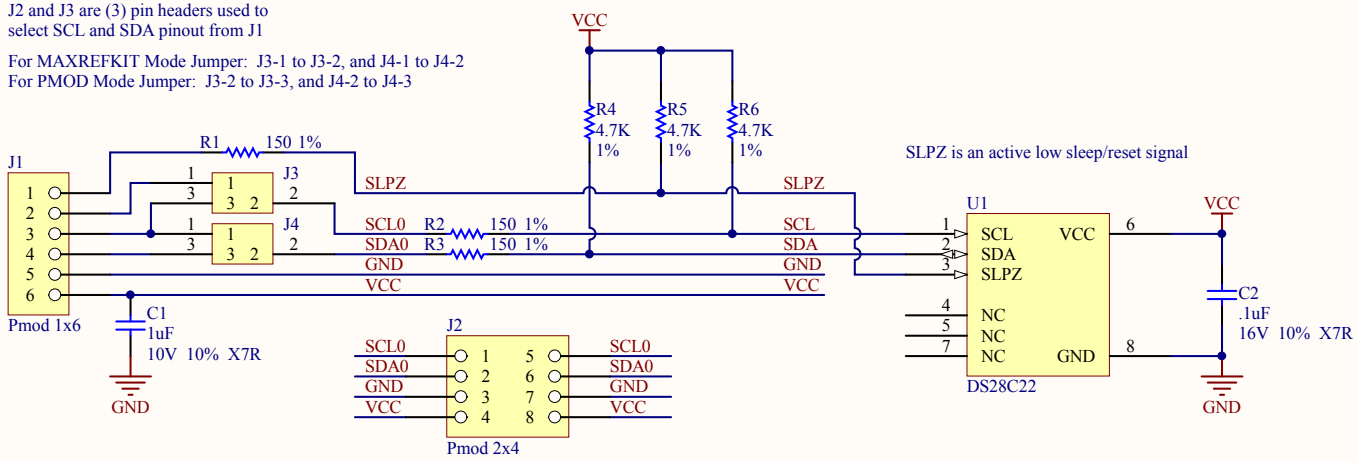
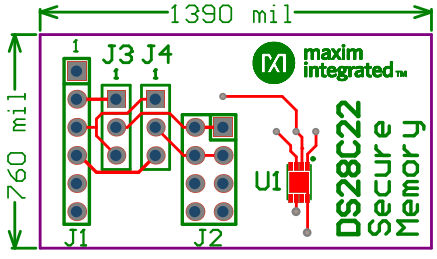


Title	**DS28C22 REFERENCE DESIGN**	
Size: A	Number:	Revision: **D**
Date: 7/1/2014		Sheet of
File: C:\Users\..\DS28C22.SchDoc		Drawn By:



Top Silk Screen
Top Solder Mask
TOP METAL

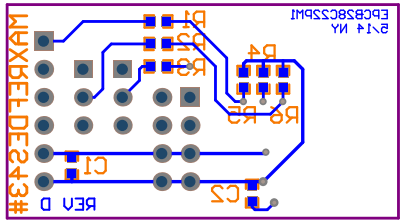
62mil PCB

DS28C22 Reference Design	
Part Number: MAXREFDES43#	
Property of maxim integrated™	Rev D
Drill and Mechanical Layer	
Date: JUNE 30 2014	Units in mils

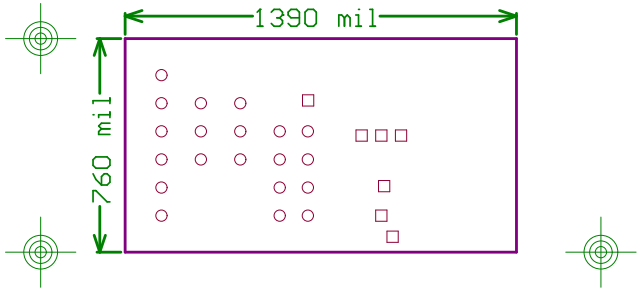
SIZE	QTY	SYM	PLATED	TOLERANCE
14	7	◦	YES	+/- 0.003
39	20	•	YES	+/- 0.003

Notes:

1. Fabricate using provided gerber files per latest revision Of IPC-A-600 unless otherwise noted.
2. Material: RoHS Compliant FR-408 or similar laminate material
3. Board Dimensions: 1,390 x 760 mils
4. Board Thickness: 62 mils +/- 10%
5. Layers: 2 (Top, Bottom)
6. Minimum Trace/Spacing: 10mil / 7mil
7. Copper Thickness: 1oz on all layers
8. Surface mount pads: 25
9. Soldermask: GREEN LPI SMOBC
10. Legend: White. Double-Sided. Non-Conductive Epoxy ink or Equiv.
11. Plating: Must be Lead free and RoHS Compliant
12. Finish: Most Economical Lead free and RoHS compliant process
13. Vendor Logo & date code: Allowed on bottom side only
14. Through holes: quantity 27 , minimum size 14 mil
15. Tolerances:
    - Plated-through holes +/- 3 mil
    - Pattern to pattern +/- 6 mil
    - Legend to legend no preference
    - Soldermask to pattern +/- 6 mil
16. Electrical testing needed: NO



Bottom Metal
Bottom Solder Mask
Bottom Silk Screen



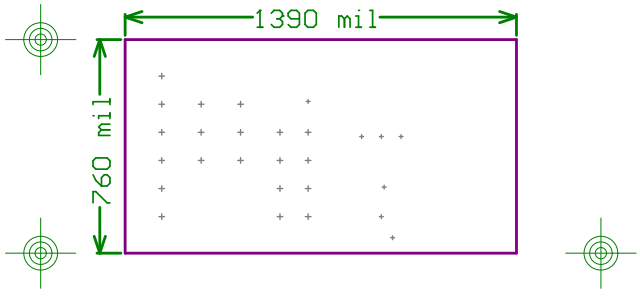
DS28C22 Reference Design		
Part Number: MAXREFDES43#		
Property of maxim integrated™		Rev D
Drill and Mechanical Layer		
Date: JUNE 30 2014	Units in mils	

SIZE	QTY	SYM	PLATED	TOLERANCE
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39	20	○	YES	+/- 0.003

62mil PCB

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    - Legend to legend: no preference
    - Soldermask to pattern: +/- 6 mil
16. Electrical testing needed: NO



DS28C22 Reference Design	
Part Number: MAXREFDES43#	
Property of maxim integrated™	Rev D
Drill and Mechanical Layer	
Date: JUNE 30 2014	Units in mils

SIZE	QTY	SYM	PLATED	TOLERANCE
14	7	+	YES	+/- 0.003
39	20	+	YES	+/- 0.003

62mil PCB

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