

1

2

3

4

A

B

C

D

1

2

3

4

Top layer

GND layer

Power layer

Bottom layer

Layer Stackup

Top, GND, Power, & Bottom layers are POSITIVE Gerbers

1.8 mil

7 mil

1.2 mil

19 mil

1.2 mil

7 mil

1.8 mil

Total 39 mil

0.5 oz

0.5 oz

0.5 oz

0.5 oz

Core FR4

1.55

1.950

0.579

0.594

0.036

SELECTIVE HEAVY GOLD PLATE THESE LANDS ONLY (BOTH SIDES)

NOTES:

MATERIAL:

FR-4. THICKNESS 0.039 COPPER 0.5 OZ – SIG LYRS

TWO LAYER BOARD

FINISH: ☒ SOLDERMASK OVER BARE COPPER (SMOBC) WITH ENTEK

SOLDERMASK – DYNACHEM EPIC 200 LPI OR EQUIVALENT.

COLOR – Green

SILKSCREEN – White

USE ARTWORK SET NO. 05–01949 REV 5

ANY ALTERNATIVES TO THE ABOVE SPECIFICATIONS MUST BE APPROVED BY THE ENGINEERING DEPARTMENT AT MICROCHIP

THIS PCB TO BE MANUFACTURED TO MEET ALL ACCEPTANCE LEVELS OF A CLASS 2 PCB PER ANSI/IPC–A–600F.

Drill Table

| Hole Dia (inch) | Symbol | Quantity | Plated |
|-----------------|--------|----------|--------|
| 0.012           | +      | 199      | Yes    |
| 0.038           | X      | 12       | Yes    |
| 0.062           | Y      | 1        | Yes    |
| 0.067           | T      | 4        | Yes    |

Title MRF24J40 Daughter Card

| Size | Rev |
|------|-----|
| B    | 5   |

Engineer: T. Manolescu  
Date: Tue Dec 05, 2006  
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