



UHF RFID

Demo Reader Board - MICRO

UHF RFID Reader Reference Design - Micro

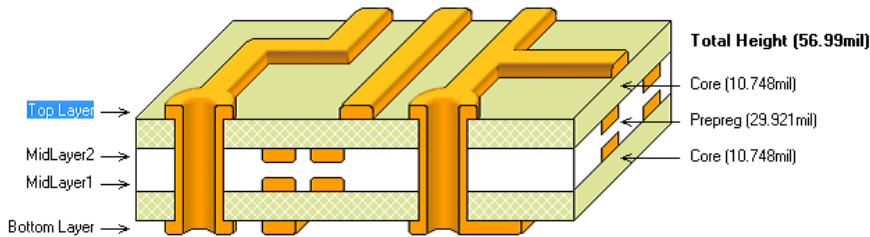
Table of Contents

- Sheet 1: Title Page
- Sheet 2: Project Page (This page)
- Sheet 3: Reader_Micro_V5.SchDoc
- Sheet 4: 3D Top View
- Sheet 5: 3D Bottom View
- Sheet 6: Layout Top
- Sheet 7: Layout Mid1
- Sheet 8: Layout Mid2
- Sheet 9: Layout Bottom
- Sheet 10: Composite Drawing
- Sheet 11: Assembly Drawing Top
- Sheet 12: Assembly Drawing Bottom
- Sheet 13: BOM

Revision History

- V5: Released on 29.06.2011
- V6: New logo

PCB Stackup



PCB Parameters

- PCB Dimension: 26.85 mm x 20.83 mm
- PCB Material: FR4 (B-DE 104 ML/4)
- Dielectric Constant: 4.3
- Solder Stop: Conformmask (35µm)



Size • A4	Project Title •	Revision •
Date 09.11.2012		
Originator *		
Sheet 2		of 3

Micro Reader
UHF RFID
V6.0
www.ams.com

ams
AS3992

I06 I04 IRQ EN PA PwrD

I07
CLK
I02
I03
I05

R3 R2
C24 C25 C21

3V3 5V 5V GND

C2 C7

L1 C6 OAD OAD2 GND

L2 C11 R6 C49

T1 U2 C30

L3 C20 C31

L5 R4 C36 C37

C43 C37 C50

P3

T2

