C116-B, NV18B/NV31/NV34, 8MX16DDR, 64MB, VIDEO OUT, VGA

Page Overview

1 C116B PAGE OVERVIEW

2 NV18B AGP Section and AGP connector

3 NV18B FRAME BUFFER Interface

4 MEMORY 64MB, 8Mx 16DDR Bits 0..31

5 MEMORY 64MB, 8Mx 16DDR Bits 32..63

6 NV18B STRAPPING, I/O Interface & BIOS, FAN CONNECTOR

7 NV18B DACA, DACB output, SYNC amplifier & PLL Section

8 PRIMARY DISPLAY Filter and Connector

9 NV18 TMDS Power, VIDEO OUT CONNECTOR

10 POWER SUPPLY & A3V3 & FBVDDQ & NVVDD & FBVDD

11 MECHANICS

HISTORY:

0B

A. Change R534 from 2.43K_1% to 2.55K_1% (R11-2551T13-Y01), R533 change from 1.05K_1% to 1.18K_1% (R11-1181T13-Y01) to get FBVDDQ=2.528V. B. Add R591 (2.2 ohm_0603_5%) and C409 (2200_0603) to reduce VRM noise on L1 pin1.

8998-0A base on 8936 modify description.

210. ADD FBAA12 TO SUPPORT 16M*16 MEMORY

1.Add page 9,Switch DACB and TV-out connector function.

2.Add page 10,DACB interface.3.Add page 11,DVI interface.

4.Add TMDS power in page 12.

5.Page 8,D-Sub change to 2x7 pin hander.























