## NV15 DF, 1/2/4MX32 DDR, RGB, Ext. TMDS DVI-I, TV, AGP4X.

Design Notes: X11-602-10023-0000-A00 SOURCE Memory Options for 4MX32, 2MX32 AND ESMT 2MX32 DONE 3.3V VDD SUPPORT FOR ESMT 2MX32 DONE Design Notes for A01: X02: R897, R898 IDUMP RES Added. Decaps C436 -> C450 added for Memory X03: Gnd split shunt res R899 added. R335->R338 & R380->R383 PKG changed to 0805. R880->R883 PKG changed to 0603 X04: IDUMP RES R898 Removed X07: R810 changed to 110R from 100R, D801, R829, R835, R831, R827- to be stuffed. PCB A01 done A01-X08: R810 changed to 115R from 110R. R811 changed to 100R from 102R Y201-Property and BOM updated for CH7007 L201,L202,L205,L206,L209,L210 BOM Changed to 0603 but footprint is still 0805. Design Notes for A02: X01: Taken from AX1 Ver 008.DSN L201,L202,L205,L206,L209,L210 Foot print changed to 0603 D801,R829,R835,R831,R827- No stuff. X02: R900, R901 new comp added to U800.22 for Boot problem for 3.3V coming late. L201, L205, L209- Changed to 68nH from 82nH for FCC. C361, C323- No Stuff for FCC. D801 and R829, R835, R831, R827 STUFF PCB-A02 done- 8/30/01, P-Release 8/31/01 X03: C805 Changed to 1UF from 4.7UF Design Notes for A03: X01: C805 Changed to 1UF from 4.7UF C805 Changed to 0.1UF from 1.0UF 0809,0810,R902->R903 added. PCB-A03 done- 9/10/01, P-Release AP3 9/10/01 X03: Support for HIP6019 along with U3007 is done R829 Removed from SCH, instead R836 to be stuffed ADDed C986-for HIP Soft Start C984, C987, R907 for HIP Compnesation1 Ckt.

P23-SCH R.003 Last Updt: 9/11/01

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C985, C988, R908 for HIP Compnesation 2Ckt.

R805 Rewired and To be Stuffed for Unisem.

R906, C983 in the VTT feed back control path for HIP.

































