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Revision History
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Assemblies
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Description
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Description

Components are stuffed for all SKUs
Components are not stuffed
Components stuffed for Primary Protection
Components stuffed for Primary Protection
Components stuffed for Secondary UVI
Components stuffed for Secondary UVI
Components stuffed for Secondary VVI
Components stuffed for PROMDO 2.5V to FMVDD
Components stuffed for PROMDO 2.5V to FMVDD
Components stuffed for PROMDO 2.5V to FMVDD
Components stuffed for POWER Sequence By-PASS
Components stuffed for NOVDD Power
Components stuffed for NOVDD Power
Components stuffed for SIGSS - 3.3VL Adj.
Components stuffed for SIGSS - 3.3VL Adj.
Components stuffed for FRA_DATA and FRD_DATA
Components stuffed for FracIntA and FRD_DATA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Assemblies
COMMON
NO_STUFF
PRI_DVI_I
PRI_PROT
SEC_DVI_I
SEC_PROT
AGF3VFBDQ
FBVDD-FBDQ
PLL-SEQ
PWR-SEQ_PWR-SEQ_BPWR-SEQ_BPWVDD-2602
             Schematics taken from P151-A00-X24
MS-8896 00A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     00A-0715

1|Page 2 - a.R80 and R81 meds to be tied to 'GND', right now it is tied to VDDQ.

b.R82 and R83 meeds to be tied to 'VDDQ',

pln 'R82.2' moved to net 'VDDQ',

pln 'R82.2' moved to net 'NDD ',

pln 'R82.2' moved to net 'NDD ',

pln 'GDG1.3' moved to net 'NDD DETA'. This is the SDEC.

Pln 'GDG1.3' moved to net 'ADD DETA'. This is the BASE.

PLN 'GDG1.2' moved to net 'ADD DETA'. This is the BASE.

PLN 'GDG1.2' moved to net 'ADD DETA'. This is the BASE.

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PLN 'GDG1.2' moved to net 'ADD DETA'. This is the BASE.

PLN 'GDG1.2' moved to net 'ADD DETA'. This
  C.50.4819 Lammy. C. 100.4-06.24 (1995). C.1551.R1076.R1071.Q10.04.Q0800. b.FMVDOS Remove C1250.C1251.R1076.R1071.Q10.04.Q0800. b.FMVDOS Remove C0800 and U4 .Add U812/NIRO-100855/TO-263. c.Q085 and Q0301 trow 4500012 change to 5500216 for low Rdson. 3]pages 12 Add 28217/310be and C0295 for "DVOCKLIN". 4]pages 15 change Text Note "PCI_DNVID -253" to "PCI_DNVID -263". 5]page 17 Loss Schape Number to 4.7K. b.U3 change reference to U813.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FB64LO
FB64UP
SER-PROM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       00B-0728
1)Page 2 - C188 pin 1 & C901A pin 'F' and 894 pin 1 from 3.3V change to 3.3VL.
3)Page 2 - C183 from 80 change to 015 for the ESR.
3)Page 17 - AAAC 454-CEB for ESE 3.3V to PROPER DE .
b.D658 pin2 connector to 'CD_CAP*,D658 pin 3 connector to C1273 pin 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Components stuffed for Parallel PROM
Components stuffed for Fan / Blower
left of the GPH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Fan Sink Component
Heat Sink Component
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Heat Sink Component
Components stuffed for Video IN/OUT
SANTO4 Video Out
Components stuffed for CX35971 - TV-OUT
Components stuffed for Mem-CPG: 64MB (4Mx16) memor
IOD Bracket / VGA-DNI-DVI-I
TO Bracket / VGA- DVI-I
Components stuffed for Mem-CPG: 64MB (4Mx16) memor
IOD Bracket / VGA- DVI-I
Components to adjust FBVVDQ out voltage.
Components to adjust FBVVDQ out voltage.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   HEAT_SNK
VIVO
VIDO-7104
CX-ENC-TVOUT
SOCKET
64MB-4MX16
BRACKET
BRACKET-VGA
FB_2610_LDO
FBVDD_ADJ
FBVDD_ADJ
     3)Page 11 Mai Society 5.

1)Page 9 - Ando: 1164 45 Te for 117 to gapt.

1)Page 9 - Ando: 1164 45 Te for 117 to gapt.

2)Page 12 - Ando: 1164 45 Te for 117 to gapt.

3)Page 16 - UB12 from 11085/3A change to 1184/5A for FBVEDO.

4)Page 14 - GOUT1 4 S.IRI thage to 550 6 FSOI.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     00B-0731
1) We need to change the Device ID from 0v283 to 0x281.
2) Depending the same property of the same proper
     ents to adjust FBVVD out voitage.

Table of Contents

1. DA PER STATE OUT VOITAGE.

1. DA PER STATE OUT VALUE OUT VOITAGE.

1. DA PER STATE OUT VALUE VALUE OUT VALUE VALU
  00B-0802
1)Page 16 - Add Cap C1264,C2309,C2310(dual layout) for layout.
2)Page 18 - Add R58,R59,R60 and UZ for FAN power.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          100-0819
1)Page 16,17 - Remove Cl263,C2267,C2301,C2303,C2309,C2310 for layout.
2)Page 16,17 - L801,L802 change Footprint to CME,3052.08.
3)Page 3 - change R1107 to 118R and change 8927 to 110R.
4)Page 10,12 - C235,C232,C110,C1121 from 2427 change to 4TPF.
        00A-0703
1)Page 2 - Add R111,R112 Oohm for thermal sensor
2)Page 11 - Remove U1 7104H/QFP64.
  00A-0709

1)Page 16 - Remove C1276, C1264, C1366, C1267, C1301, C1379, C1304.

2)Page 5,6,7,8 - Add C550-C565 / 10PF / 0402 from

"FB(A/8)/C/DLK(0/0-/1/1-) total 16pcs for

EMI engineer.
                         )Need to change Power net on R2088 sheet 17 to "12V".
Need to change Power Net on D658 sheet 17 to "12V".
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TPNC = Test Point - Not Connected
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Santa Clara, CA 95050, USA
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140-10085-0000-A03
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