P501-A01 DESIGN -- G73, 256 MB DDR2, VGA, DVI-I, HDTV

V079-0A

BASE ON V067-20 modify

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REV HISTORY

Base on P501_A01 modify

1.PAGE:09 Removed D-sub connecter

2.PAGE:10 :Removed D-sub connecter

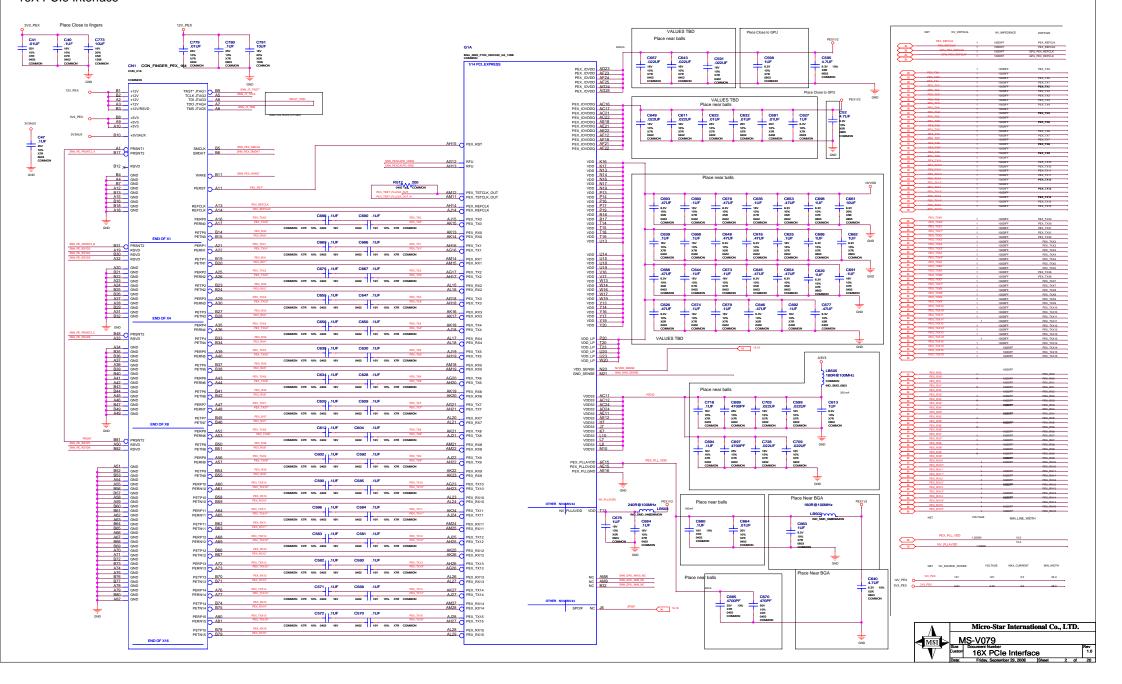
3.PAGE:11/12 :EMI common choke change to 0ohm R (0402)

4.PAGE:14 :Change TVout connecter to 2x3 pin header

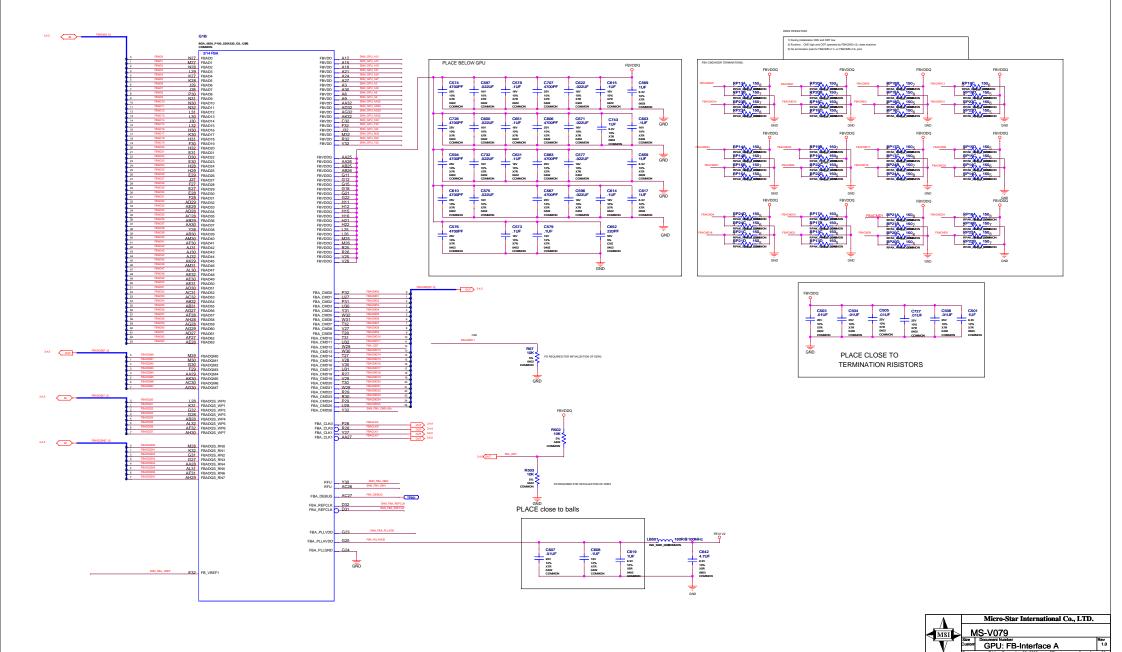
5.PAGE:19 L8 change to footprint CHK_D2_P8_5

SKU	VARIANT	NVPN	ASSEMBLY
В	0000	600-10501-0000-100	G73 400/350MHz 256MB 128bit DDR2 16MX16 DVI-I+VGA+HDTVOUT
1	0001	600-10501-0001-100	G73-V 375/350MHZ 256MB 128bit DDR2 16MX16 DVI-I+VGA+HDTVOUT
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3	<undefined></undefined>	<undefined></undefined>	-UNDEFINEDs
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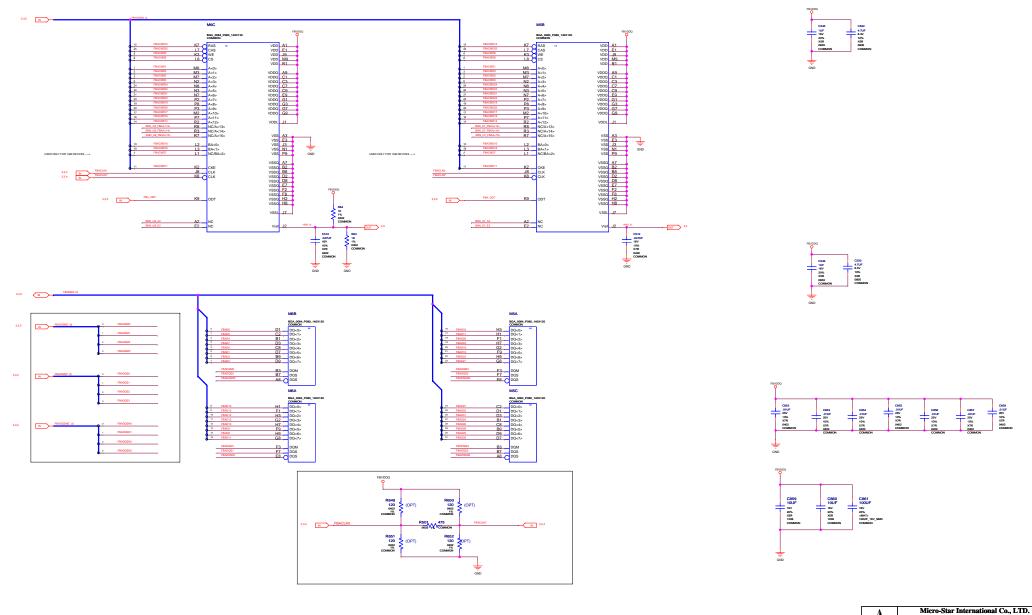




GPU: FB-Interface A

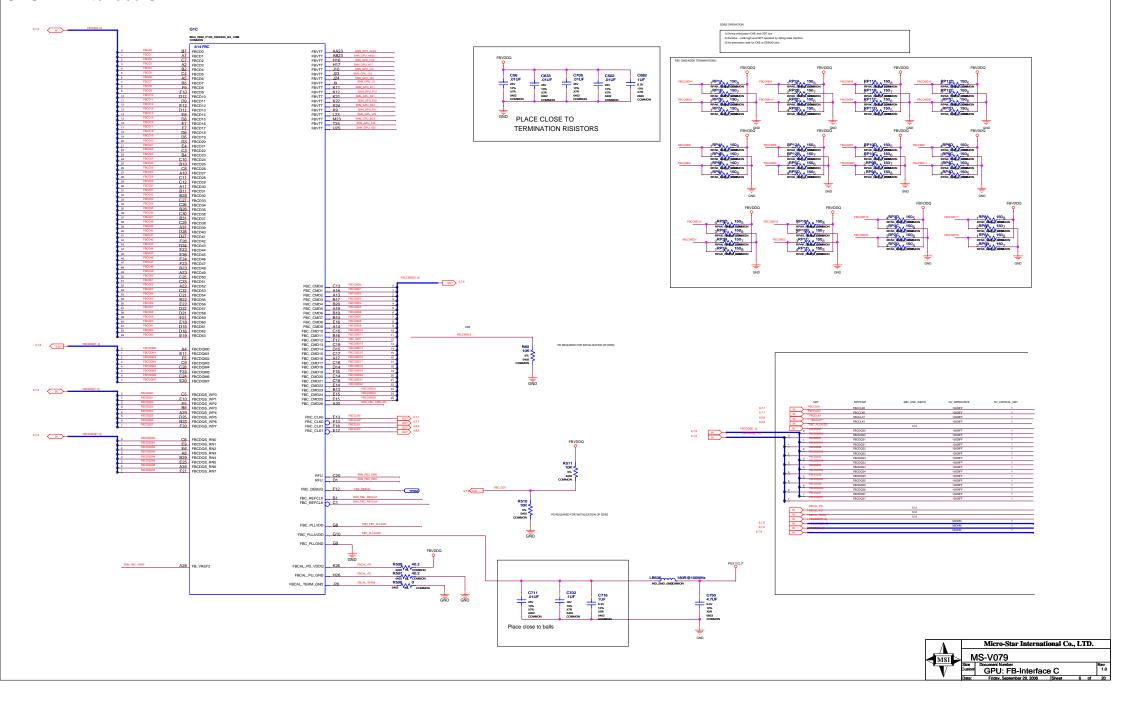


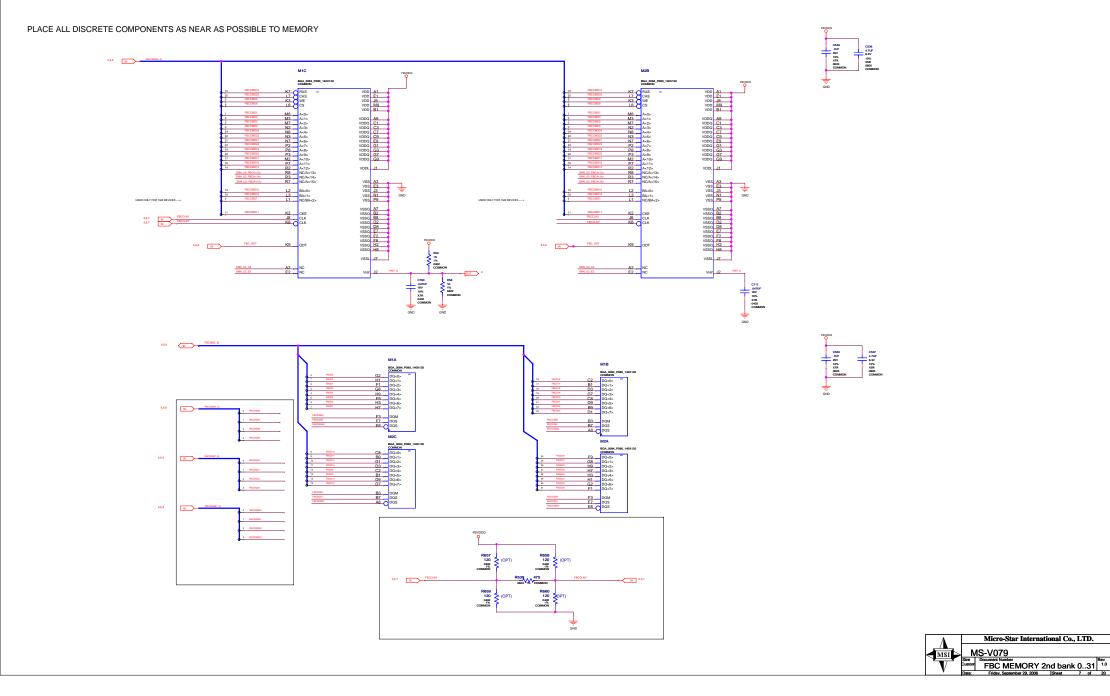
PLACE ALL DISCRETE COMPONENTS AS NEAR AS POSSIBLE TO MEMORY

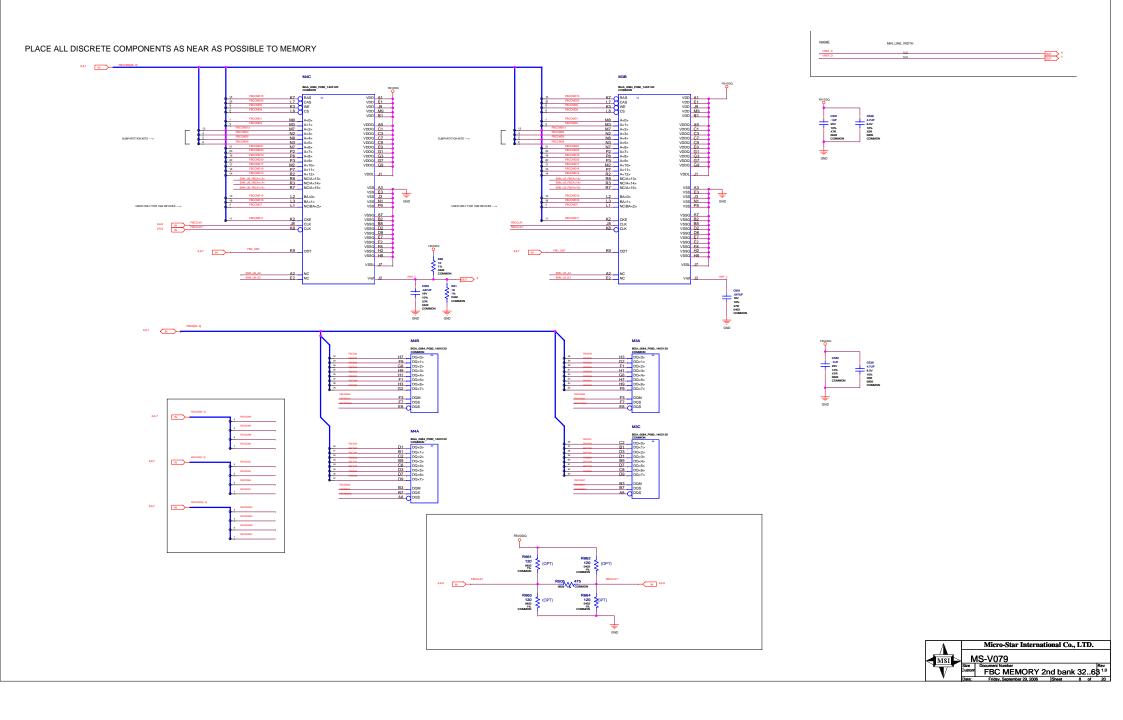


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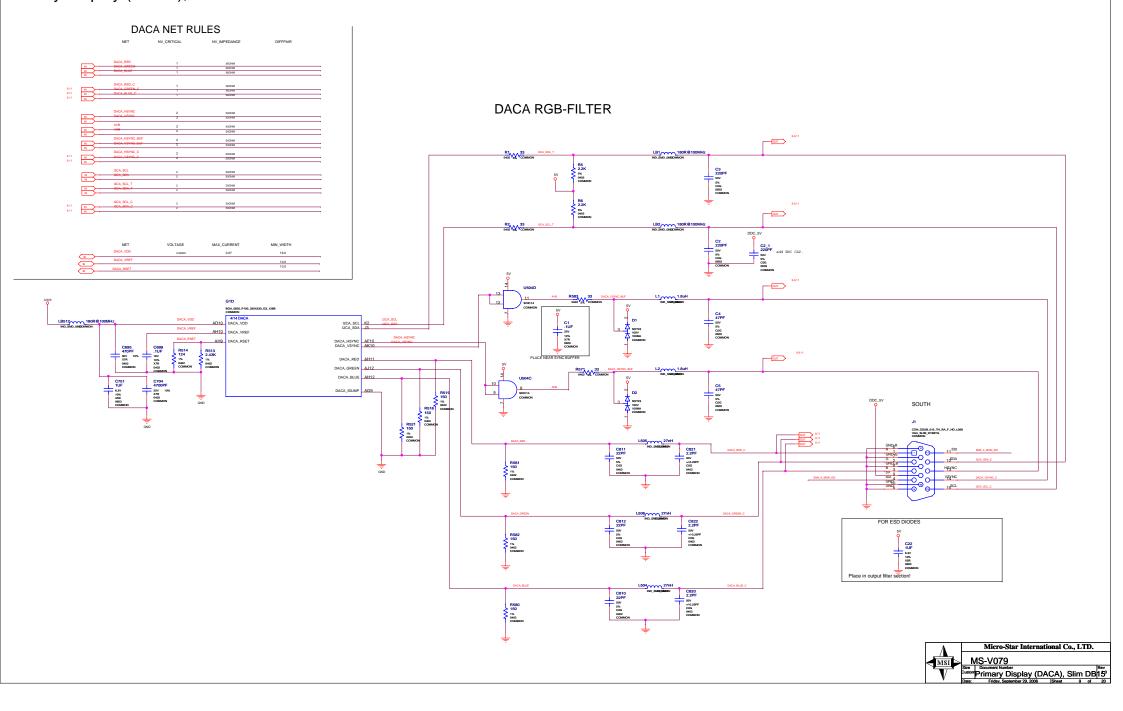
GPU: FB-Interface C



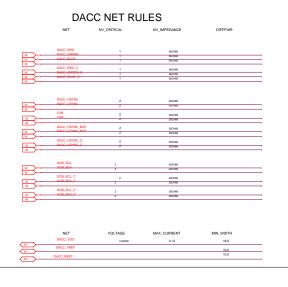


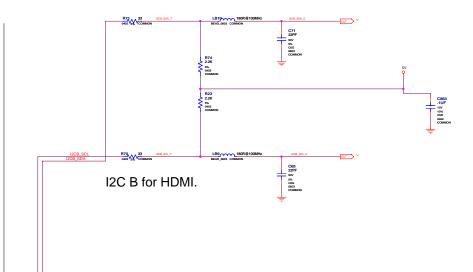


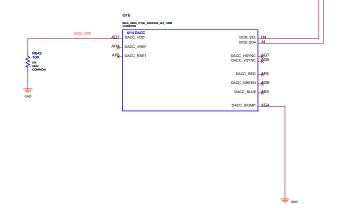
Primary Display (DACA), Slim DB15



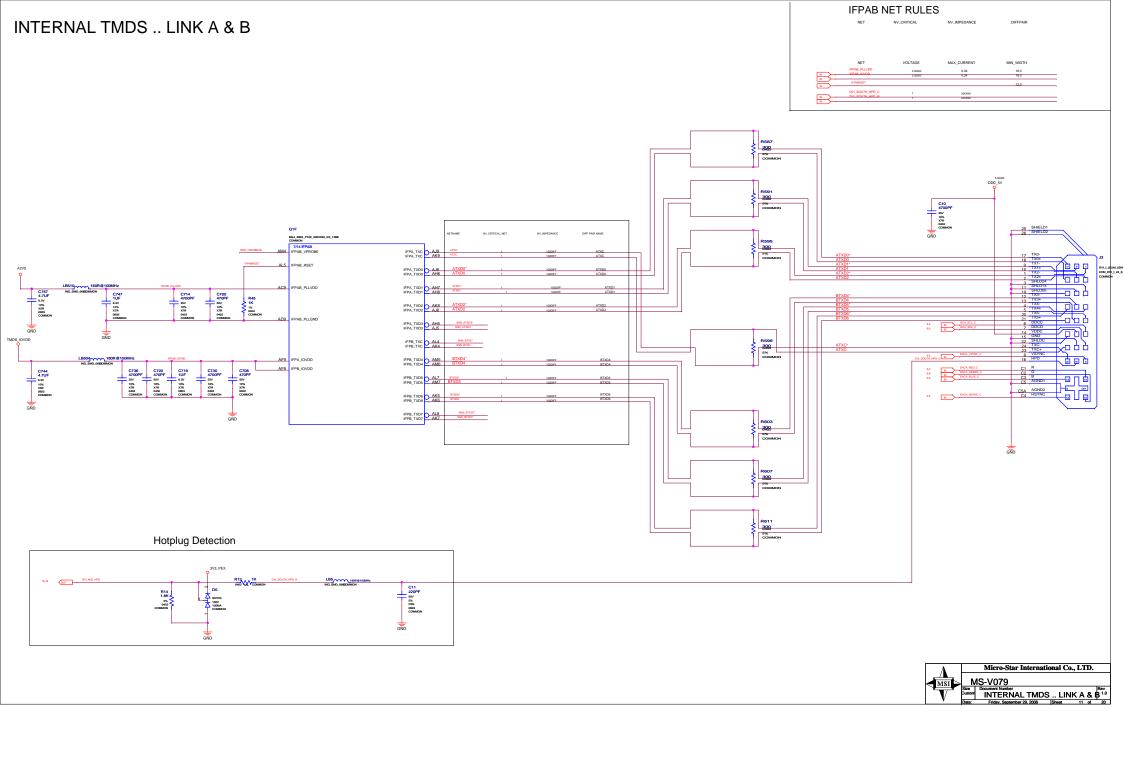
Secondary Display (DACC), DB15

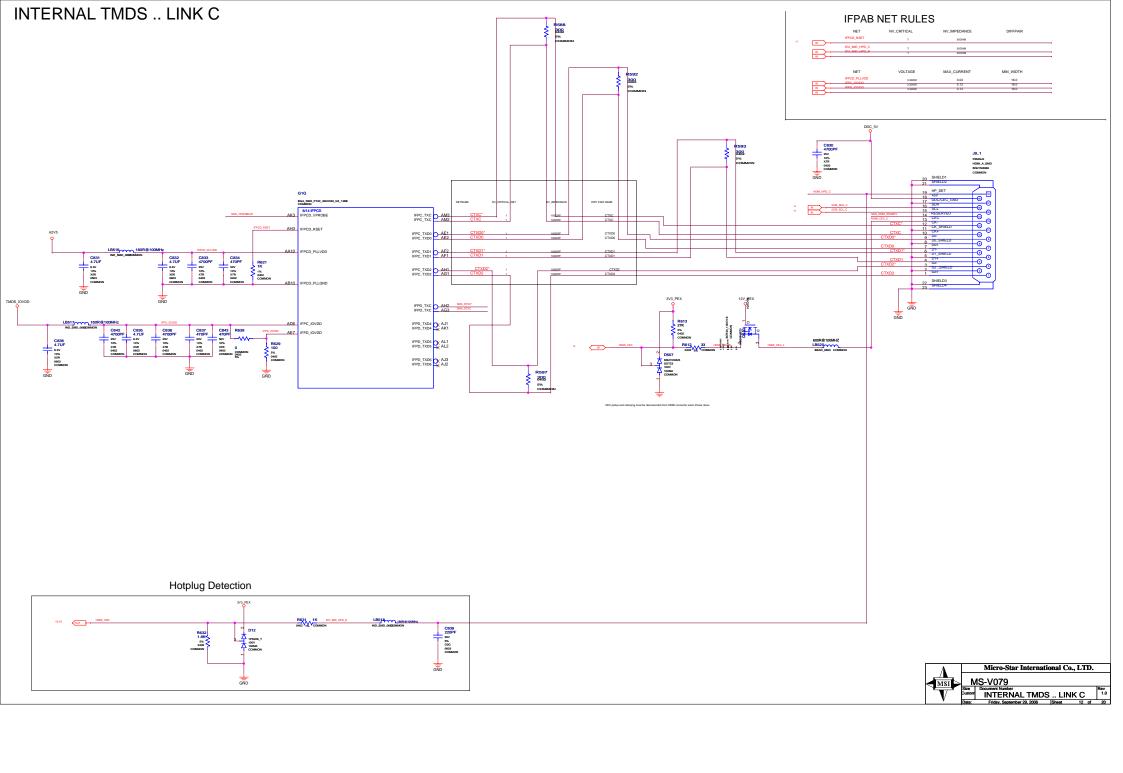




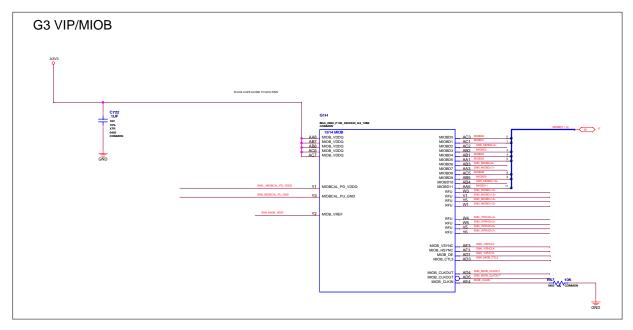


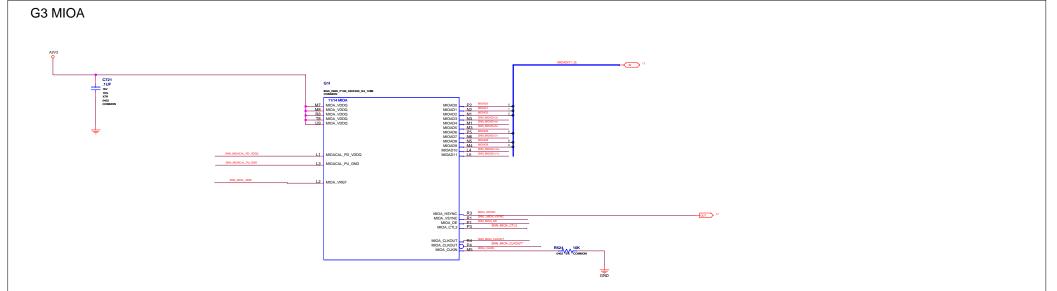






G3 VIP/MIOB/MIOA

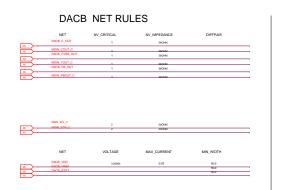


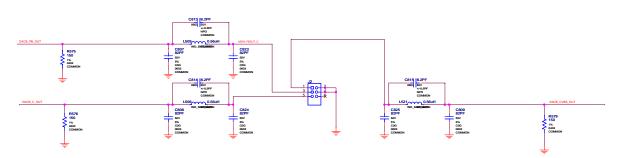


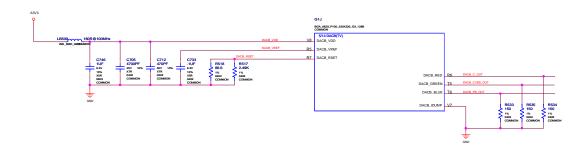


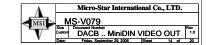
DACB .. MiniDIN VIDEO OUT CONNECTOR

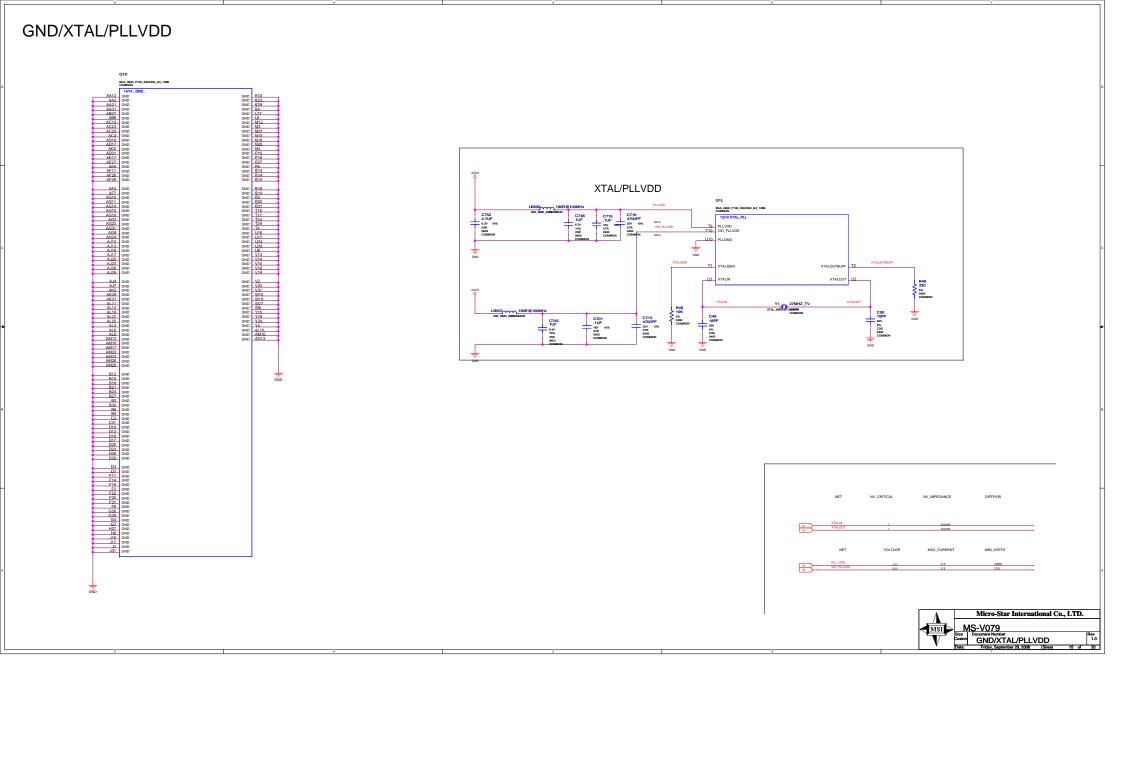
DACB .. MiniDIN VIDEO OUT CONNECTOR

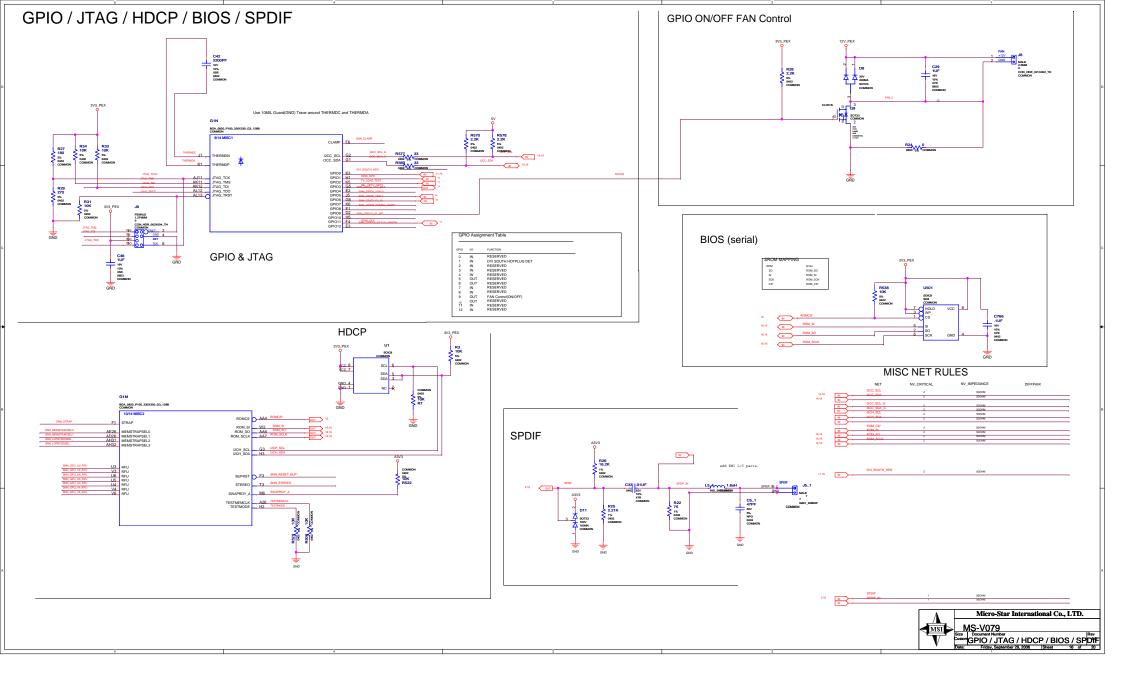








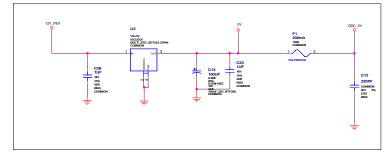




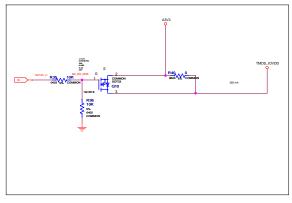


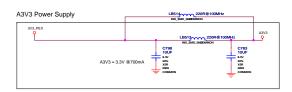
Power Supply:TMDS_IOVDD/A3V3/5V

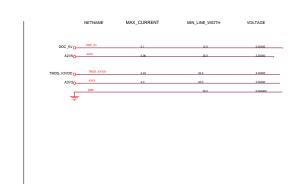




TMDS IO SUPPLY WITH BACKDRIVE PROTECTION







FM1 FM4

FM2 FM5

FM3 FM6

EMC suggestion reserve

