P381: G72, DDR2 MEMORY 16Mx16

Page 1: P381 Overview

Page 2: PCI Express Interface

Page 3: Frame Buffer Interface

Page 4: Memory 1st bank 0..31

Page 5: Memory 1st bank 32..63

Page 6: DACA, DACB, DACC, Sync Buffers

Page 7: DACB, VGA Output, TV Out

Page8: S-Video Minidin Connector

Page 9: TMDS Interface

Page 10: MIOA, MIOB Interface, LPC-ROM

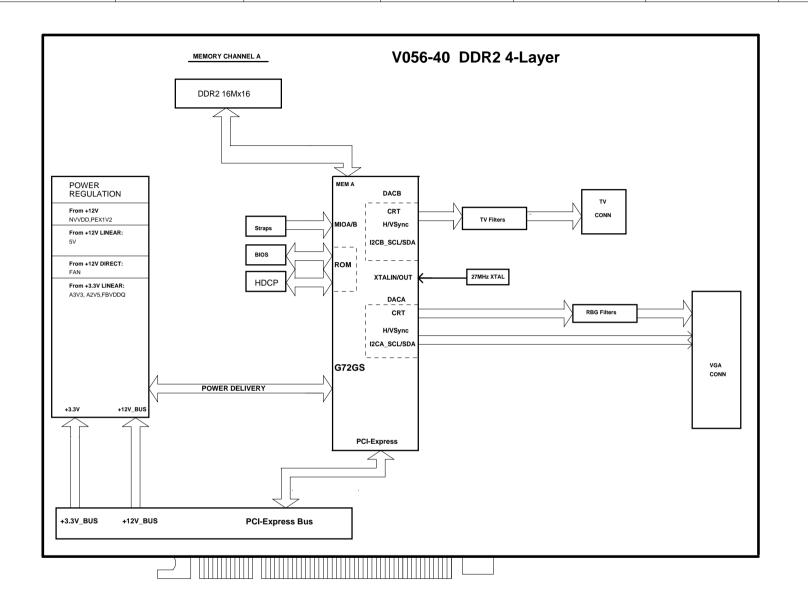
Page 11: STRAPS, Mechanical Parts

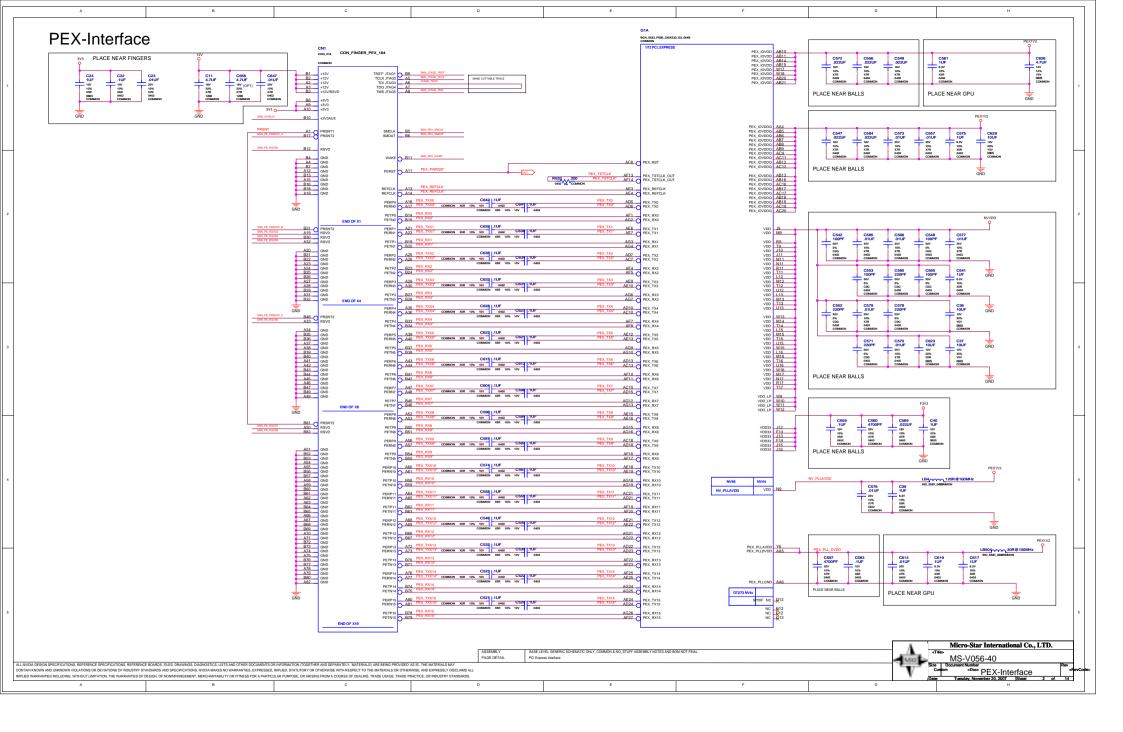
Page 12: XTAL, GPIO, BIOS, FAN, JTAG, THERMAL

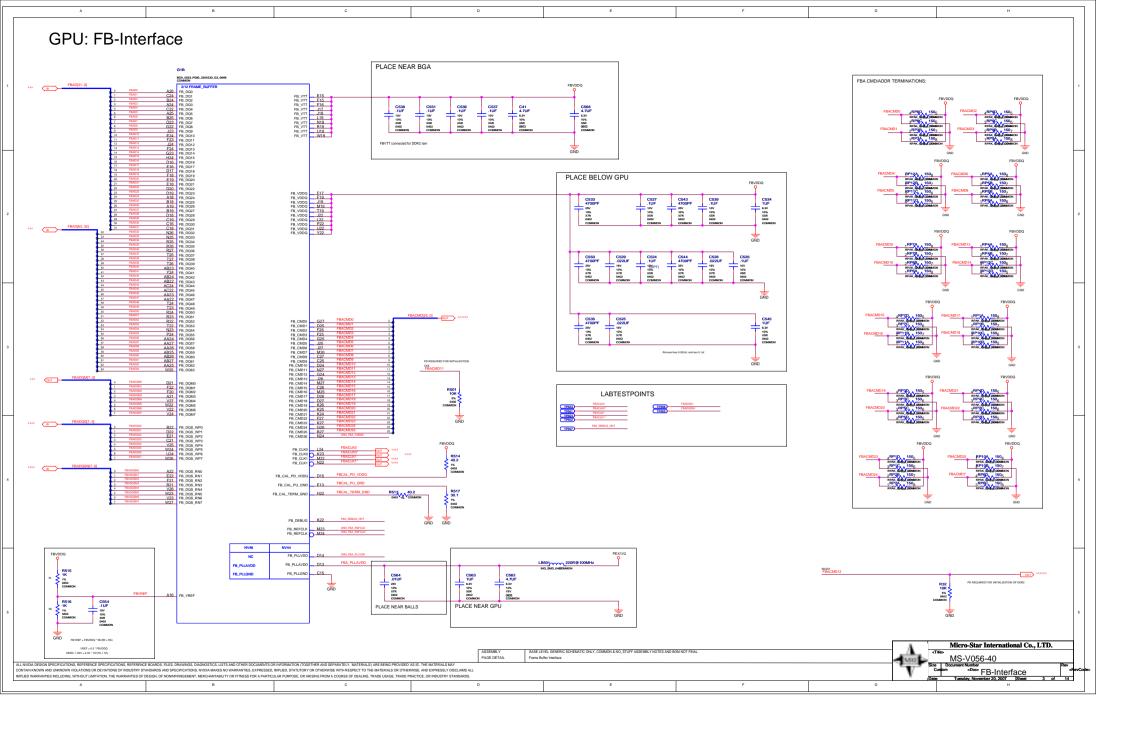
Page 13: PowerSupplyI: NVVDD, A3V3

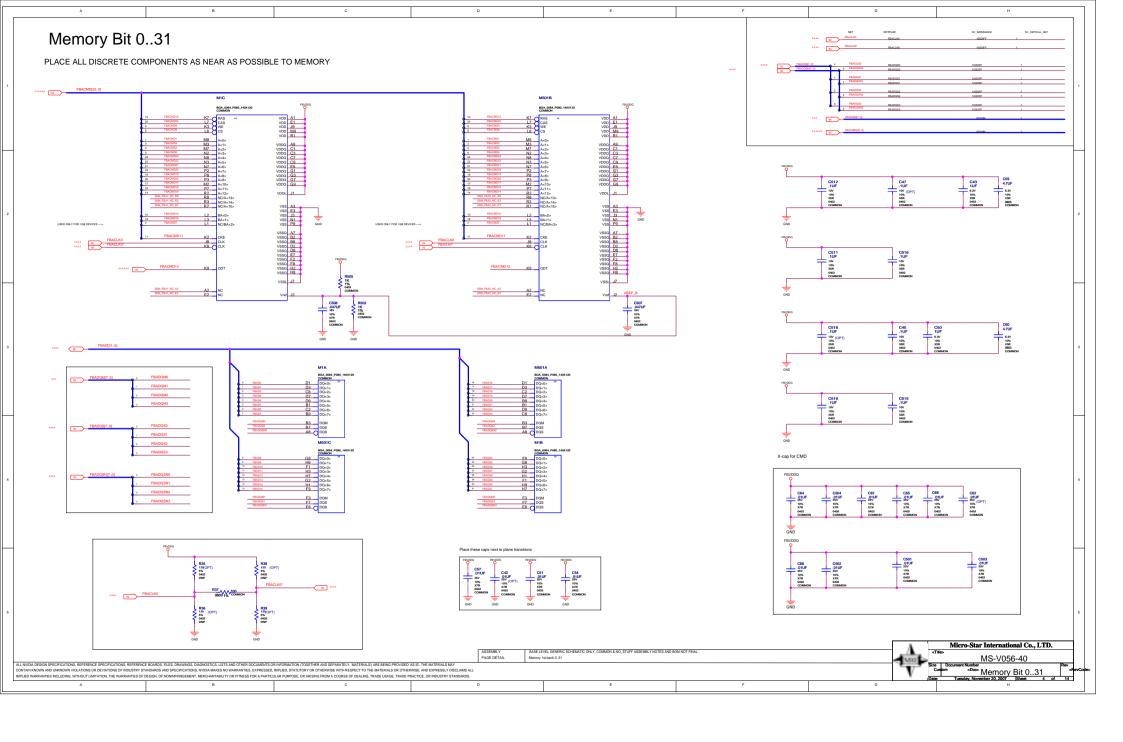
Page 14: PowerSupplyII: 5V, DDC5V, F3V3, TMDS_PLLVDD

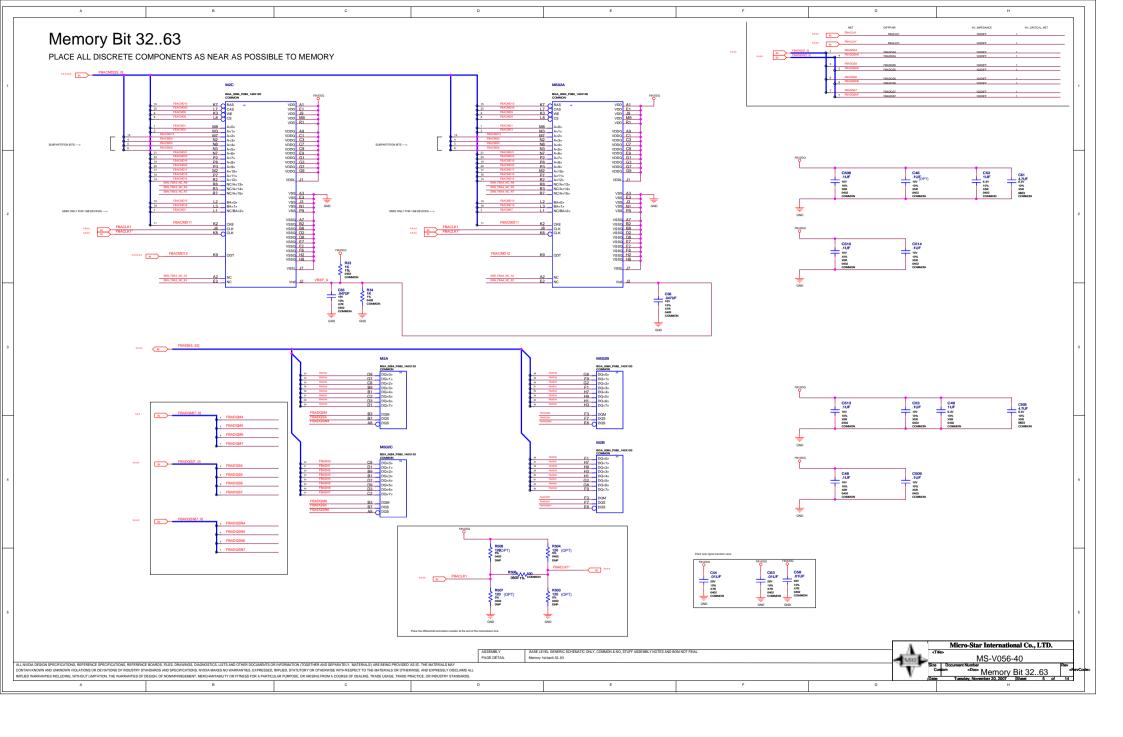
20	υ I	VARIANT	NVPN	ASSEMBLY
	В	BASE	600-10381-xxxx-400	BASE LEVEL GENERIC SCHEMATIC ONLY, COMMON & NO_STUFF ASSEMBLY NOTES AND BOM NOT FINAL
	1	SKU0010	600-10381-0010-400	P381: G3-64,7300LE, 64 BIT DDR2 16M:r16 MEMORY, VGA+DVI+TVout
	2	SKU0011	600-10381-0011-400	P381: G3-64,7300LE, 64 BIT DDR2 32Mx16 MEMORY, VGA+DVI+TVout
	3	SKU0012	600-10381-0012-400	P381: G3-64,7300GS, 64 BIT DDR2 32Mx16 MEMORY, VGA+DVI+TVout
	4	SKU0013	600-10381-0013-400	P381: G3-64,7300GS, 64 BIT DDR2 16Mx16 MEMORY, VGA+DVI+TVout
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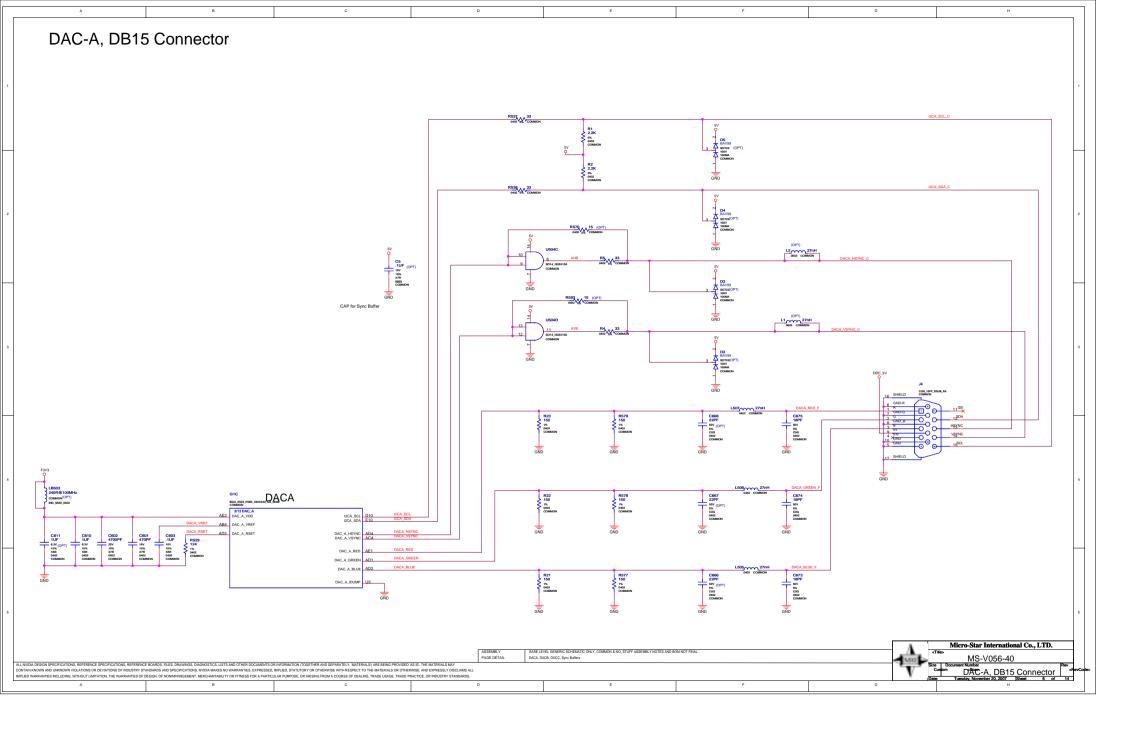


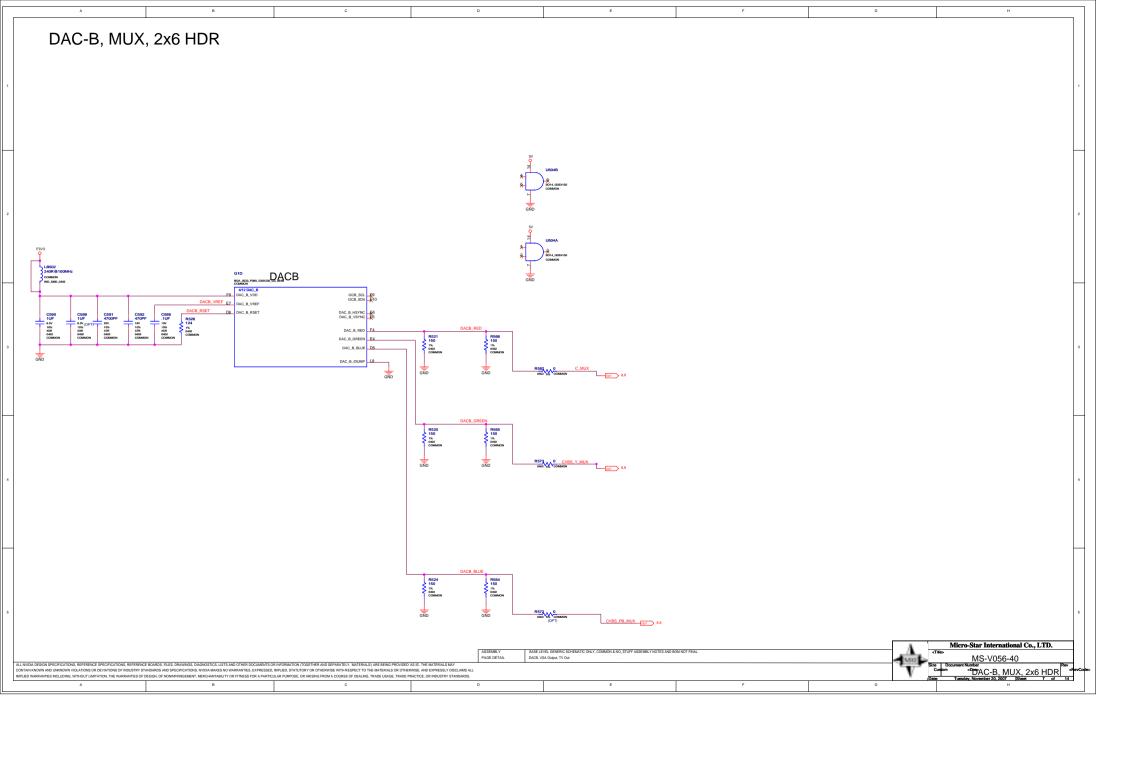


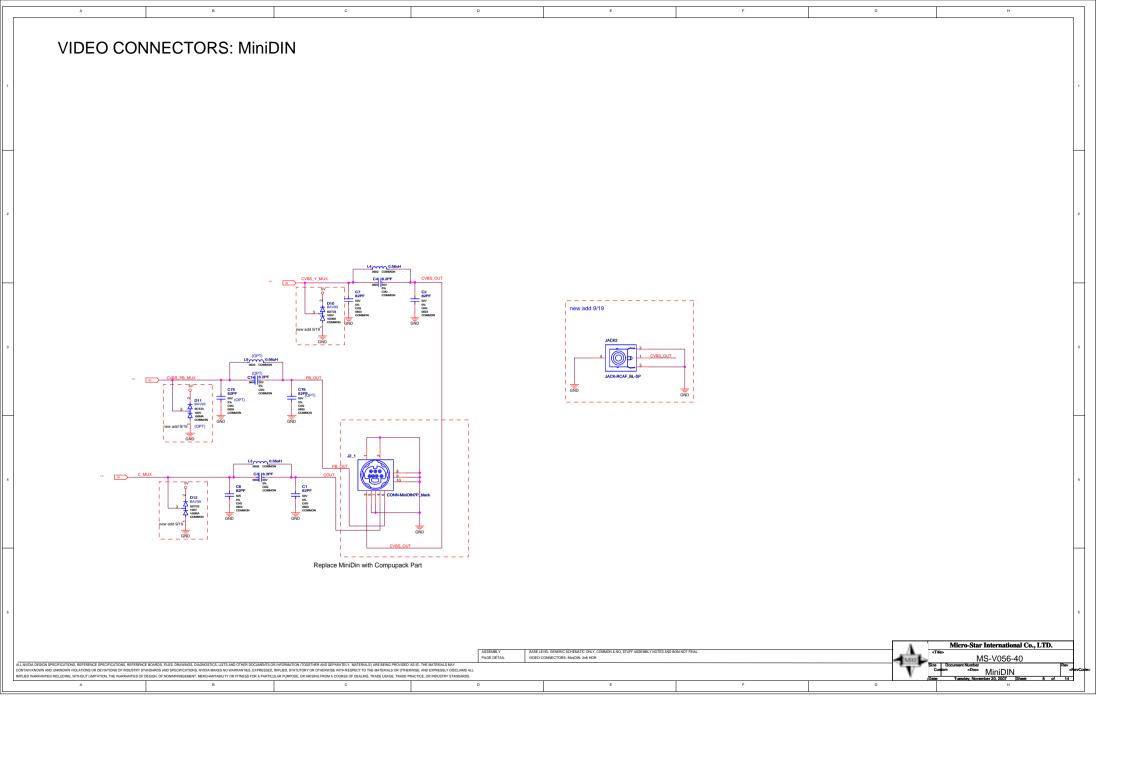


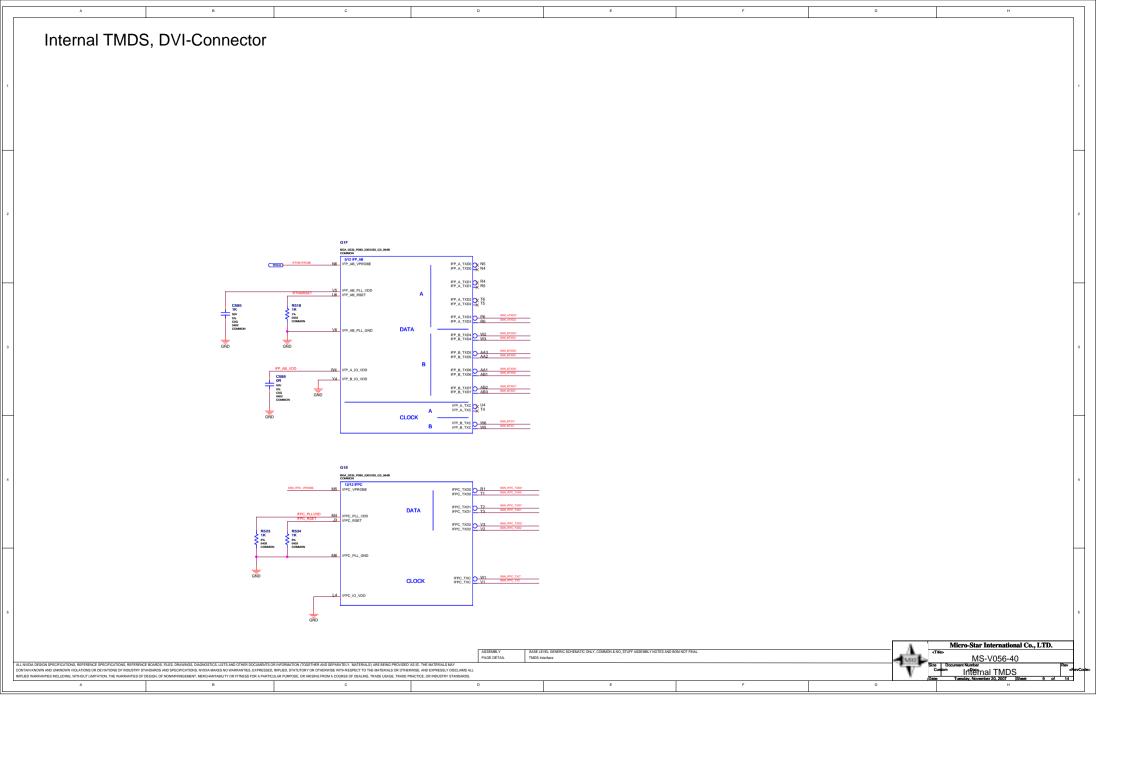


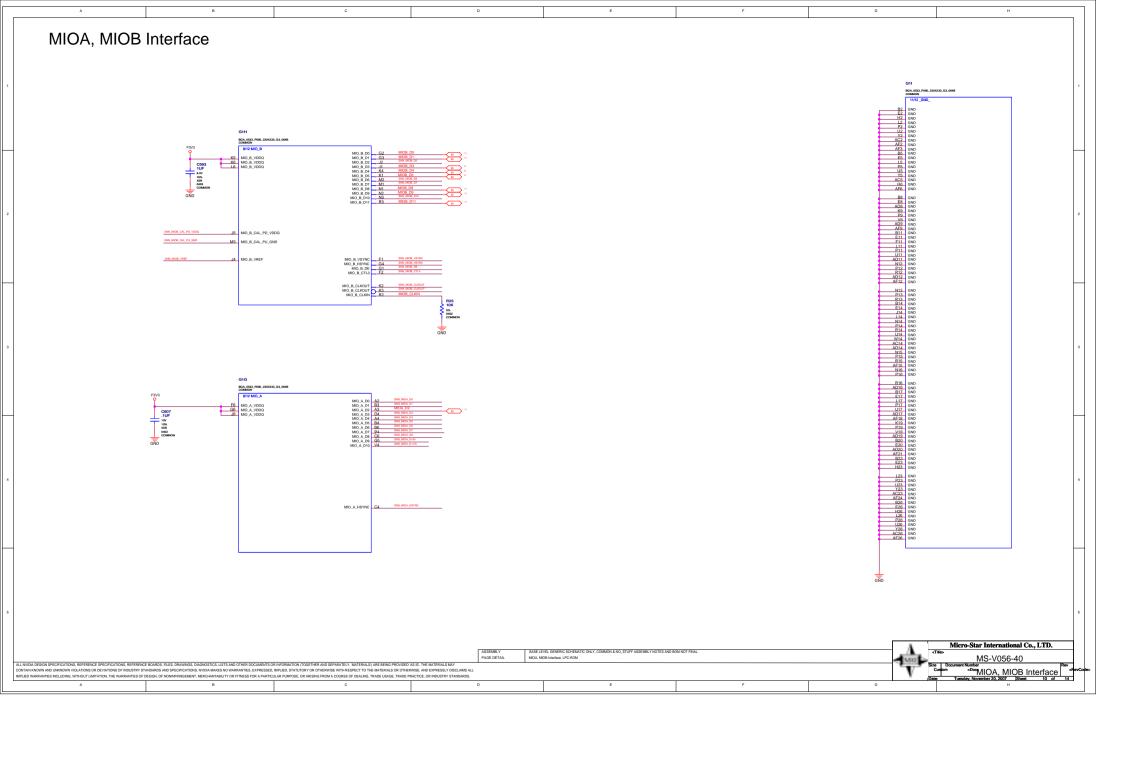


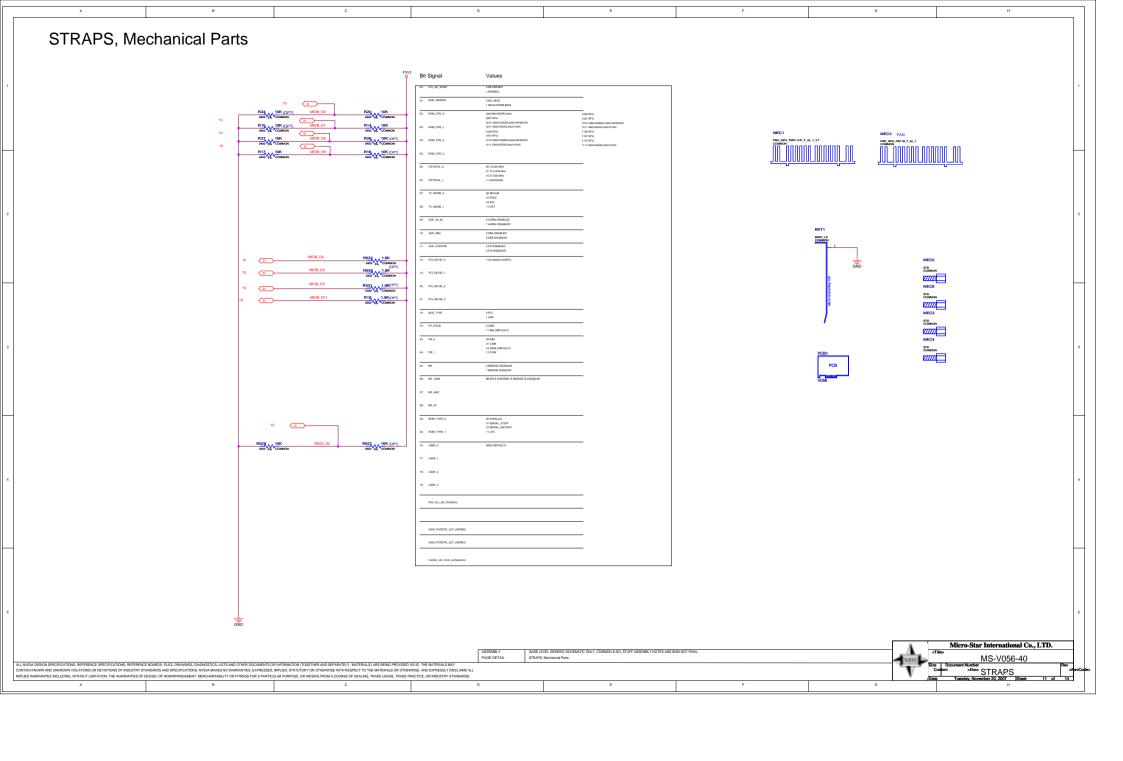


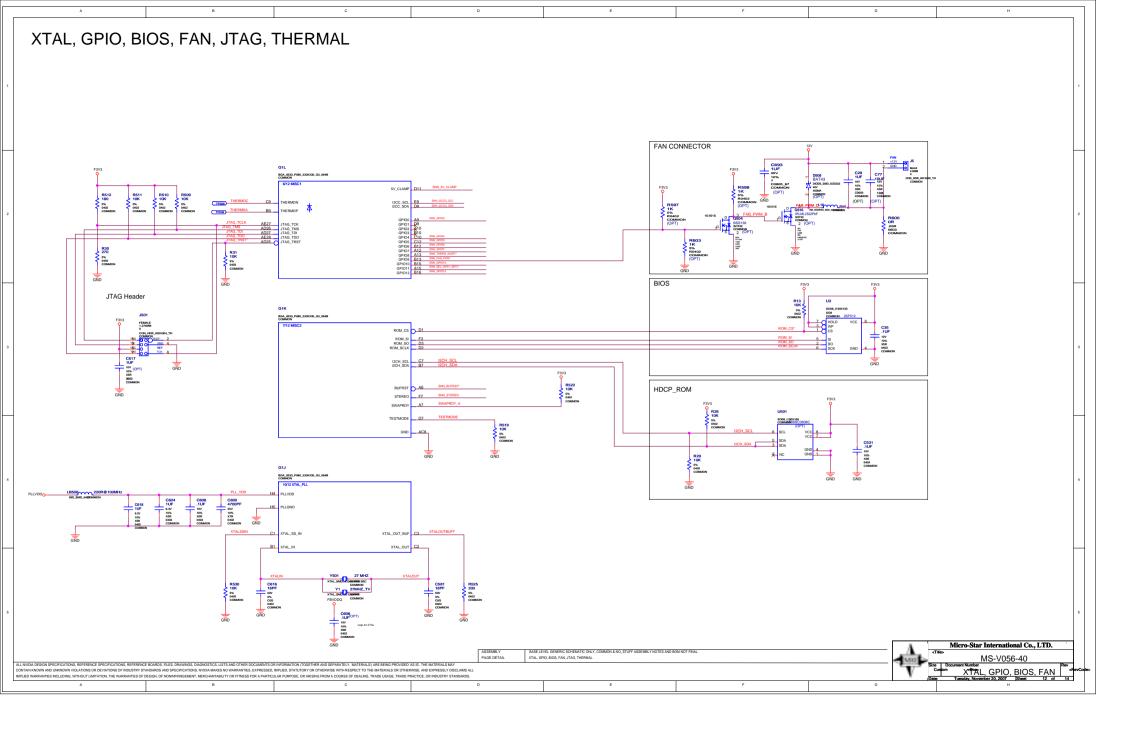


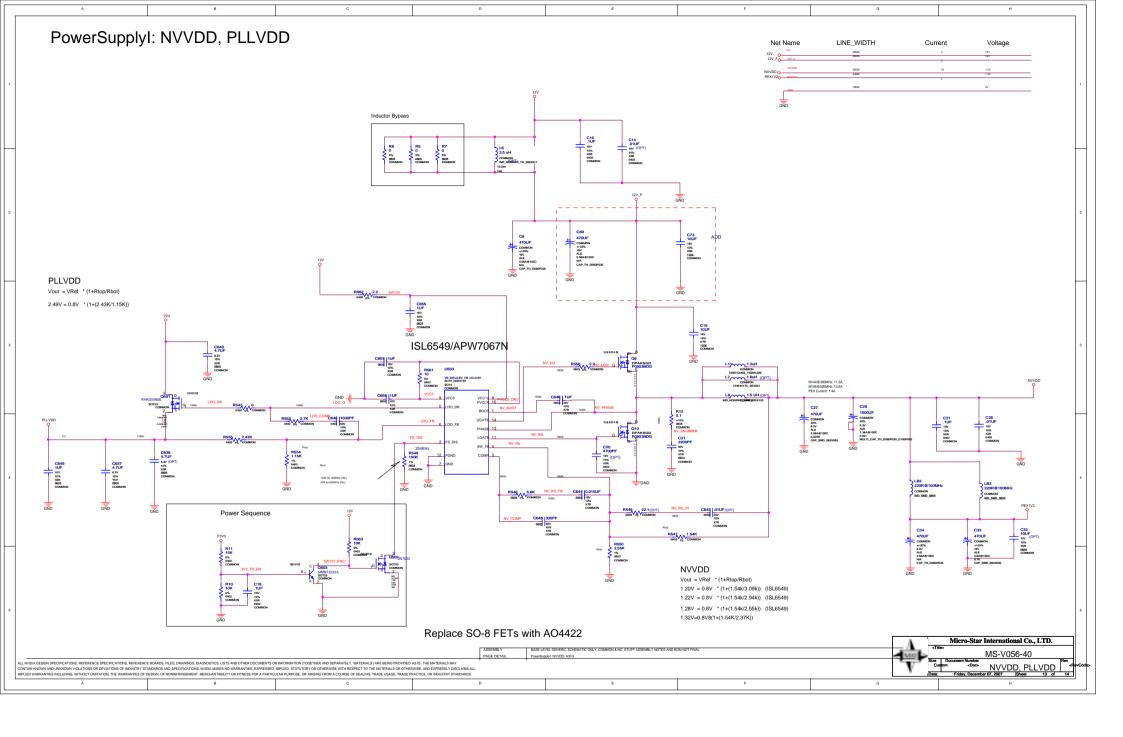


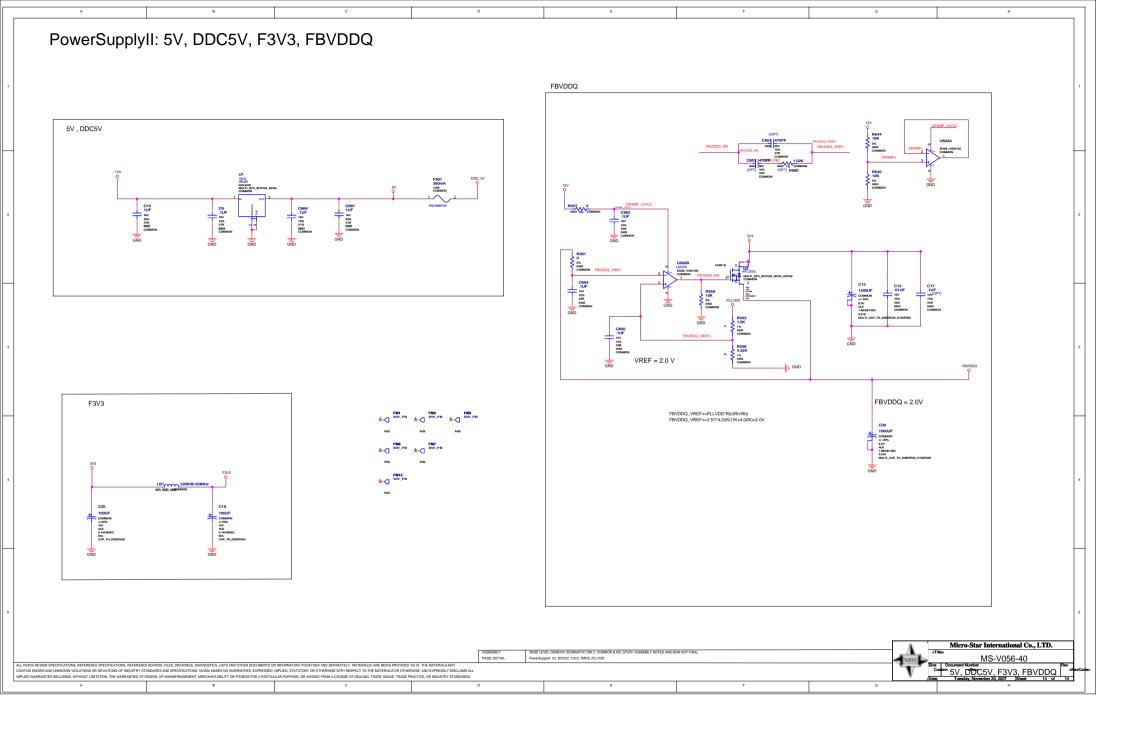












Change List:

Base on P381_ A04 (V056-V3.0 - Comanche D) modify

Page8, removed mini-din 4pin. add mini-din 7pin support HDTV

Page 13: PowerSupplyl: NVVDD, A3V3 add mlcc 10U/16V 1206 5pcs remove L5 1R0

Page 9: ADD R589,R590,R591,R592,R593,R594,R595,R596 FOR EMI

Page 12: XTAL Dual LOAYOUT SMD 49US

Base on P381_ A04 (V056-V3.1) modify

Page 15 add FAN control (imperfect)

Base on P381_ A04 (V056-V3.2 - Comanche CP) modify

Page 15 add FAN control (improved)

Base on P381_ A04 (V056-V4.0 - Comanche 128) modify

Page 8. add AV connect

Page 6 J1 d-sub silm change J6 d-sub

Page 9 removed DVI-I connect and circuit and power

Page 13 SO-8 MOS change TO-252 MOS, Gate R 0402 size change 0603 size, add BOOT R

