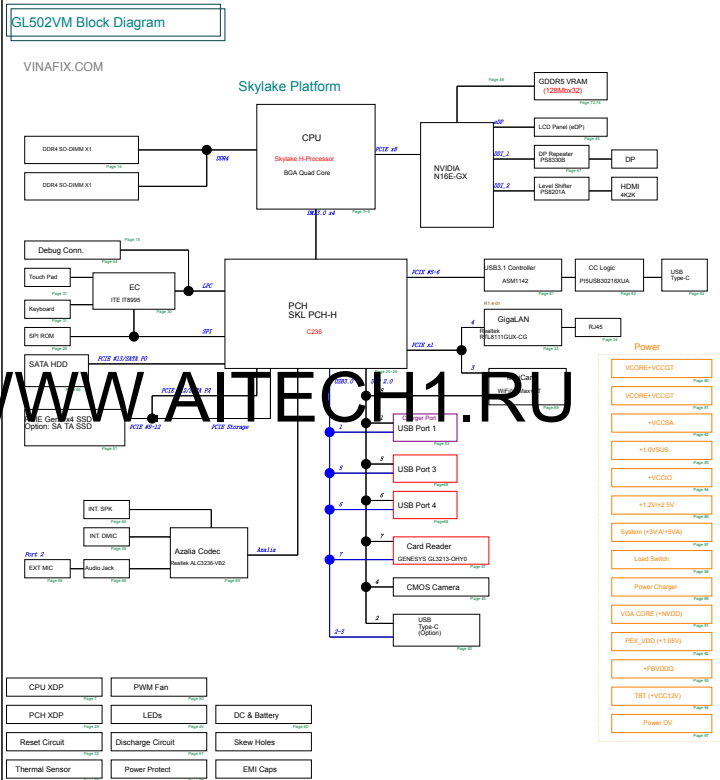


- WWW.AITECH1.RU



PCH_CPU GPIO

Year	Month	Day	Time	Location	Activity	Notes	Signature	Initials	Phone
2000	Jan	1	10:00	Room 101	Meeting				
2000	Jan	2	10:00	Room 101	Meeting				
2000	Jan	3	10:00	Room 101	Meeting				
2000	Jan	4	10:00	Room 101	Meeting				
2000	Jan	5	10:00	Room 101	Meeting				
2000	Jan	6	10:00	Room 101	Meeting				
2000	Jan	7	10:00	Room 101	Meeting				
2000	Jan	8	10:00	Room 101	Meeting				
2000	Jan	9	10:00	Room 101	Meeting				
2000	Jan	10	10:00	Room 101	Meeting				
2000	Jan	11	10:00	Room 101	Meeting				
2000	Jan	12	10:00	Room 101	Meeting				
2000	Jan	13	10:00	Room 101	Meeting				
2000	Jan	14	10:00	Room 101	Meeting				
2000	Jan	15	10:00	Room 101	Meeting				
2000	Jan	16	10:00	Room 101	Meeting				
2000	Jan	17	10:00	Room 101	Meeting				
2000	Jan	18	10:00	Room 101	Meeting				
2000	Jan	19	10:00	Room 101	Meeting				
2000	Jan	20	10:00	Room 101	Meeting				
2000	Jan	21	10:00	Room 101	Meeting				
2000	Jan	22	10:00	Room 101	Meeting				
2000	Jan	23	10:00	Room 101	Meeting				
2000	Jan	24	10:00	Room 101	Meeting				
2000	Jan	25	10:00	Room 101	Meeting				
2000	Jan	26	10:00	Room 101	Meeting				
2000	Jan	27	10:00	Room 101	Meeting				
2000	Jan	28	10:00	Room 101	Meeting				
2000	Jan	29	10:00	Room 101	Meeting				
2000	Jan	30	10:00	Room 101	Meeting				
2000	Jan	31	10:00	Room 101	Meeting				
2000	Feb	1	10:00	Room 101	Meeting				
2000	Feb	2	10:00	Room 101	Meeting				
2000	Feb	3	10:00	Room 101	Meeting				
2000	Feb	4	10:00	Room 101	Meeting				
2000	Feb	5	10:00	Room 101	Meeting				
2000	Feb	6	10:00	Room 101	Meeting				
2000	Feb	7	10:00	Room 101	Meeting				
2000	Feb	8	10:00	Room 101	Meeting				
2000	Feb	9	10:00	Room 101	Meeting				
2000	Feb	10	10:00	Room 101	Meeting				
2000	Feb	11	10:00	Room 101	Meeting				
2000	Feb	12	10:00	Room 101	Meeting				
2000	Feb	13	10:00	Room 101	Meeting				
2000	Feb	14	10:00	Room 101	Meeting				
2000	Feb	15	10:00	Room 101	Meeting				
2000	Feb	16	10:00	Room 101	Meeting				
2000	Feb	17	10:00	Room 101	Meeting				
2000	Feb	18	10:00	Room 101	Meeting				
2000	Feb	19	10:00	Room 101	Meeting				
2000	Feb	20	10:00	Room 101	Meeting				
2000	Feb	21	10:00	Room 101	Meeting				
2000	Feb	22	10:00	Room 101	Meeting				
2000	Feb	23	10:00	Room 101	Meeting				
2000	Feb	24	10:00	Room 101	Meeting				
2000	Feb	25	10:00	Room 101	Meeting				
2000	Feb	26	10:00	Room 101	Meeting				
2000	Feb	27	10:00	Room 101	Meeting				
2000	Feb	28	10:00	Room 101	Meeting				
2000	Feb	29	10:00	Room 101	Meeting				
2000	Feb	30	10:00	Room 101	Meeting				
2000	Feb	31	10:00	Room 101	Meeting				
2000	Mar	1	10:00	Room 101	Meeting				
2000	Mar	2	10:00	Room 101	Meeting				
2000	Mar	3	10:00	Room 101	Meeting				
2000	Mar	4	10:00	Room 101	Meeting				
2000	Mar	5	10:00	Room 101	Meeting				
2000	Mar	6	10:00	Room 101	Meeting				
2000	Mar	7	10:00	Room 101	Meeting				
2000	Mar	8	10:00	Room 101	Meeting				
2000	Mar	9	10:00	Room 101	Meeting				
2000	Mar	10	10:00	Room 101	Meeting				
2000	Mar	11	10:00	Room 101	Meeting				
2000	Mar	12	10:00	Room 101	Meeting				
2000	Mar	13	10:00	Room 101	Meeting				
2000	Mar	14	10:00	Room 101	Meeting				
2000	Mar	15	10:00	Room 101	Meeting				
2000	Mar	16	10:00	Room 101	Meeting				
2000	Mar	17	10:00	Room 101	Meeting				
2000	Mar	18	10:00	Room 101	Meeting				
2000	Mar	19	10:00	Room 101	Meeting				
2000	Mar	20	10:00	Room 101	Meeting				
2000	Mar	21	10:00	Room 101	Meeting				
2000	Mar	22	10:00	Room 101	Meeting				
2000	Mar	23	10:00	Room 101	Meeting				
2000	Mar	24	10:00	Room 101	Meeting				
2000	Mar	25	10:00	Room 101	Meeting				
2000	Mar	26	10:00	Room 101	Meeting				
2000	Mar	27	10:00	Room 101	Meeting				
2000	Mar	28	10:00	Room 101	Meeting				
2000	Mar	29	10:00	Room 101	Meeting				
2000	Mar	30	10:00	Room 101	Meeting				
2000	Mar	31	10:00	Room 101	Meeting				
2000	Apr	1	10:00	Room 101	Meeting				
2000	Apr	2	10:00	Room 101	Meeting				
2000	Apr	3	10:00	Room 101	Meeting				
2000	Apr	4	10:00	Room 101	Meeting				
2000	Apr	5	10:00	Room 101	Meeting				
2000	Apr	6	10:00	Room 101	Meeting				
2000	Apr	7	10:00	Room 101	Meeting				
2000	Apr	8	10:00	Room 101	Meeting				
2000	Apr	9	10:00	Room 101	Meeting				
2000	Apr	10	10:00	Room 101	Meeting				
2000	Apr	11	10:00	Room 101	Meeting				
2000	Apr	12	10:00	Room 101	Meeting				
2000	Apr	13	10:00	Room 101	Meeting				
2000	Apr	14	10:00	Room 101	Meeting				
2000	Apr	15	10:00	Room 101	Meeting				
2000	Apr	16	10:00	Room 101	Meeting				
2000	Apr	17	10:00	Room 101	Meeting				
2000	Apr	18	10:00	Room 101	Meeting				
2000	Apr	19	10:00	Room 101	Meeting				
2000	Apr	20	10:00	Room 101	Meeting				
2000	Apr	21	10:00	Room 101	Meeting				
2000	Apr	22	10:00	Room 101	Meeting				
2000	Apr	23	10:00	Room 101	Meeting				
2000	Apr	24	10:00	Room 101	Meeting				
2000	Apr	25	10:00	Room 101	Meeting				
2000	Apr	26	10:00	Room 101	Meeting				
2000	Apr	27	10:00	Room 101	Meeting				
2000	Apr	28	10:00	Room 101	Meeting				
2000	Apr	29	10:00	Room 101	Meeting				
2000	Apr	30	10:00	Room 101	Meeting				
2000	Apr	31	10:00	Room 101	Meeting				
2000	May	1	10:00	Room 101	Meeting				
2000	May	2	10:00	Room 101	Meeting				
2000	May	3	10:00	Room 101	Meeting				
2000	May	4	10:00	Room 101	Meeting				
2000	May	5	10:00	Room 101	Meeting				
2000	May	6	10:00	Room 101	Meeting				
2000	May	7	10:00	Room 101	Meeting				
2000	May	8	10:00	Room 101	Meeting				
2000	May	9	10:00	Room 101	Meeting				
2000	May	10	10:00	Room 101	Meeting				
2000	May	11	10:00	Room 101	Meeting				
2000	May	12	10:00	Room 101	Meeting				
2000	May	13	10:00	Room 101	Meeting				
2000	May	14	10:00	Room 101	Meeting				
2000	May	15	10:00	Room 101	Meeting				
2000	May	16	10:00	Room 101	Meeting				
2000	May	17	10:00	Room 101	Meeting				
2000	May	18	10:00	Room 101	Meeting				
2000	May	19	10:00	Room 101	Meeting				
2000	May	20	10:00	Room 101	Meeting				
2000	May	21	10:00	Room 101	Meeting				
2000	May	22	10:00	Room 101	Meeting				
2000	May	23	10:00	Room 101	Meeting				
2000	May	24	10:00	Room 101	Meeting				
2000	May	25	10:00	Room 101	Meeting				
2000	May	26	10:00	Room 101	Meeting				
2000	May	27	10:00	Room 101	Meeting				
2000	May	28	10:00	Room 101	Meeting				
2000	May	29	10:00	Room 101	Meeting				
2000	May	30	10:00	Room 101	Meeting				
2000	May	31	10:00	Room 101	Meeting				
2000	Jun	1	10:00	Room 101	Meeting				
2000	Jun	2	10:00	Room 101	Meeting				
2000	Jun	3	10:00	Room 101	Meeting				
2000	Jun	4	10:00	Room 101	Meeting				
2000	Jun	5	10:00	Room 101	Meeting				
2000	Jun	6	10:00	Room 101	Meeting				
2000	Jun	7	10:00	Room 101	Meeting				
2000	Jun	8	10:00	Room 101	Meeting				
2000	Jun	9	10:00	Room 101	Meeting				
2000	Jun	10	10:00	Room 101	Meeting				
2000	Jun	11	10:00	Room 101	Meeting				
2000	Jun	12	10:00	Room 101	Meeting				
2000	Jun	13	10:00	Room 101	Meeting				
2000	Jun	14	10:00	Room 101	Meeting				
2000	Jun	15	10:00	Room 101	Meeting				
2000	Jun	16	10:00	Room 101	Meeting				
2000	Jun	17	10:00	Room 101	Meeting				
2000	Jun	18	10:00	Room 101	Meeting				
2000	Jun	19	10:00	Room 101	Meeting				
2000	Jun	20	10:00	Room 101	Meeting				
2000	Jun	21	10:00	Room 101	Meeting				
2000	Jun	22	10:00	Room 101	Meeting				
2000	Jun	23	10:00	Room 101	Meeting				
2000	Jun	24	10:00	Room 101	Meeting				
2000	Jun	25	10:00	Room 101	Meeting				
2000	Jun	26	10:00	Room 101	Meeting				
2000	Jun	27	10:00	Room 101	Meeting				

	Year	Country	Population (millions)	Urban population (millions)	Urban population (%)	Population density (per sq km)	Population density (per sq mile)
1950	1950	United States	150.7	80.0	53.1	26.3	68.0
1950	1950	France	45.7	25.0	54.7	200.0	520.8
1950	1950	Germany	68.7	35.0	50.9	234.0	604.0
1950	1950	Italy	45.7	25.0	54.7	200.0	520.8
1950	1950	Japan	83.7	45.0	53.8	333.0	866.0
1950	1950	China	550.0	150.0	27.3	15.0	39.0
1950	1950	India	360.0	100.0	27.8	11.0	28.5
1950	1950	United Kingdom	50.7	30.0	59.2	254.0	657.0
1950	1950	Canada	14.7	8.0	54.4	1.0	2.6
1950	1950	Australia	9.7	5.0	51.6	0.3	0.8
1950	1950	South Africa	4.7	2.0	42.6	3.0	7.7
1950	1950	Argentina	14.7	8.0	54.4	1.0	2.6
1950	1950	Brazil	50.7	30.0	59.2	25.0	64.6
1950	1950	Mexico	20.7	10.0	48.3	20.0	51.9
1950	1950	Colombia	10.7	5.0	46.7	10.0	26.0
1950	1950	Venezuela	5.7	3.0	52.6	10.0	26.0
1950	1950	Peru	10.7	5.0	46.7	10.0	26.0
1950	1950	Ecuador	5.7	3.0	52.6	10.0	26.0
1950	1950	Bolivia	5.7	3.0	52.6	10.0	26.0
1950	1950	Paraguay	5.7	3.0	52.6	10.0	26.0
1950	1950	Uruguay	2.7	1.0	37.0	10.0	26.0
1950	1950	Chile	5.7	3.0	52.6	10.0	26.0
1950	1950	Argentina	14.7	8.0	54.4	1.0	2.6
1950	1950	Brazil	50.7	30.0	59.2	25.0	64.6
1950	1950	Mexico	20.7	10.0	48.3	20.0	51.9
1950	1950	Colombia	10.7	5.0	46.7	10.0	26.0
1950	1950	Venezuela	5.7	3.0	52.6	10.0	26.0
1950	1950	Peru	10.7	5.0	46.7	10.0	26.0
1950	1950	Ecuador	5.7	3.0	52.6	10.0	26.0
1950	1950	Bolivia	5.7	3.0	52.6	10.0	26.0
1950	1950	Paraguay	5.7	3.0	52.6	10.0	26.0
1950	1950	Uruguay	2.7	1.0	37.0	10.0	26.0
1950	1950	Chile	5.7	3.0	52.6	10.0	26.0
1950	1950	Argentina	14.7	8.0	54.4	1.0	2.6
1950	1950	Brazil	50.7	30.0	59.2	25.0	64.6
1950	1950	Mexico	20.7	10.0	48.3	20.0	51.9
1950	1950	Colombia	10.7	5.0	46.7	10.0	26.0
1950	1950	Venezuela	5.7	3.0	52.6	10.0	26.0
1950	1950	Peru	10.7	5.0	46.7	10.0	26.0
1950	1950	Ecuador	5.7	3.0	52.6	10.0	26.0
1950	1950	Bolivia	5.7	3.0	52.6	10.0	26.0
1950	1950	Paraguay	5.7	3.0	52.6	10.0	26.0
1950	1950	Uruguay	2.7	1.0	37.0	10.0	26.0
1950	1950	Chile	5.7	3.0	52.6	10.0	26.0

Year	Month	Day	Time	Location	Activity	Notes	Signature	Date
1998	Jan	15	10:00	Room 101	Meeting	Initial meeting with...	[Signature]	1/15/98
1998	Jan	22	14:30	Room 101	Meeting	Follow-up meeting...	[Signature]	1/22/98
1998	Feb	05	09:00	Room 101	Meeting	Meeting with...	[Signature]	2/05/98
1998	Feb	12	11:00	Room 101	Meeting	Meeting with...	[Signature]	2/12/98
1998	Feb	19	10:00	Room 101	Meeting	Meeting with...	[Signature]	2/19/98
1998	Feb	26	10:00	Room 101	Meeting	Meeting with...	[Signature]	2/26/98
1998	Mar	05	10:00	Room 101	Meeting	Meeting with...	[Signature]	3/05/98
1998	Mar	12	10:00	Room 101	Meeting	Meeting with...	[Signature]	3/12/98
1998	Mar	19	10:00	Room 101	Meeting	Meeting with...	[Signature]	3/19/98
1998	Mar	26	10:00	Room 101	Meeting	Meeting with...	[Signature]	3/26/98
1998	Apr	02	10:00	Room 101	Meeting	Meeting with...	[Signature]	4/02/98
1998	Apr	09	10:00	Room 101	Meeting	Meeting with...	[Signature]	4/09/98
1998	Apr	16	10:00	Room 101	Meeting	Meeting with...	[Signature]	4/16/98
1998	Apr	23	10:00	Room 101	Meeting	Meeting with...	[Signature]	4/23/98
1998	Apr	30	10:00	Room 101	Meeting	Meeting with...	[Signature]	4/30/98
1998	May	07	10:00	Room 101	Meeting	Meeting with...	[Signature]	5/07/98
1998	May	14	10:00	Room 101	Meeting	Meeting with...	[Signature]	5/14/98
1998	May	21	10:00	Room 101	Meeting	Meeting with...	[Signature]	5/21/98
1998	May	28	10:00	Room 101	Meeting	Meeting with...	[Signature]	5/28/98
1998	Jun	04	10:00	Room 101	Meeting	Meeting with...	[Signature]	6/04/98
1998	Jun	11	10:00	Room 101	Meeting	Meeting with...	[Signature]	6/11/98
1998	Jun	18	10:00	Room 101	Meeting	Meeting with...	[Signature]	6/18/98
1998	Jun	25	10:00	Room 101	Meeting	Meeting with...	[Signature]	6/25/98
1998	Jul	02	10:00	Room 101	Meeting	Meeting with...	[Signature]	7/02/98
1998	Jul	09	10:00	Room 101	Meeting	Meeting with...	[Signature]	7/09/98
1998	Jul	16	10:00	Room 101	Meeting	Meeting with...	[Signature]	7/16/98
1998	Jul	23	10:00	Room 101	Meeting	Meeting with...	[Signature]	7/23/98
1998	Jul	30	10:00	Room 101	Meeting	Meeting with...	[Signature]	7/30/98
1998	Aug	06	10:00	Room 101	Meeting	Meeting with...	[Signature]	8/06/98
1998	Aug	13	10:00	Room 101	Meeting	Meeting with...	[Signature]	8/13/98
1998	Aug	20	10:00	Room 101	Meeting	Meeting with...	[Signature]	8/20/98
1998	Aug	27	10:00	Room 101	Meeting	Meeting with...	[Signature]	8/27/98
1998	Sep	03	10:00	Room 101	Meeting	Meeting with...	[Signature]	9/03/98
1998	Sep	10	10:00	Room 101	Meeting	Meeting with...	[Signature]	9/10/98
1998	Sep	17	10:00	Room 101	Meeting	Meeting with...	[Signature]	9/17/98
1998	Sep	24	10:00	Room 101	Meeting	Meeting with...	[Signature]	9/24/98
1998	Sep	30	10:00	Room 101	Meeting	Meeting with...	[Signature]	9/30/98
1998	Oct	07	10:00	Room 101	Meeting	Meeting with...	[Signature]	10/07/98
1998	Oct	14	10:00	Room 101	Meeting	Meeting with...	[Signature]	10/14/98
1998	Oct	21	10:00	Room 101	Meeting	Meeting with...	[Signature]	10/21/98
1998	Oct	28	10:00	Room 101	Meeting	Meeting with...	[Signature]	10/28/98
1998	Nov	04	10:00	Room 101	Meeting	Meeting with...	[Signature]	11/04/98
1998	Nov	11	10:00	Room 101	Meeting	Meeting with...	[Signature]	11/11/98
1998	Nov	18	10:00	Room 101	Meeting	Meeting with...	[Signature]	11/18/98
1998	Nov	25	10:00	Room 101	Meeting	Meeting with...	[Signature]	11/25/98
1998	Dec	02	10:00	Room 101	Meeting	Meeting with...	[Signature]	12/02/98
1998	Dec	09	10:00	Room 101	Meeting	Meeting with...	[Signature]	12/09/98
1998	Dec	16	10:00	Room 101	Meeting	Meeting with...	[Signature]	12/16/98
1998	Dec	23	10:00	Room 101	Meeting	Meeting with...	[Signature]	12/23/98
1998	Dec	30	10:00	Room 101	Meeting	Meeting with...	[Signature]	12/30/98

Account	Amount	Debit	Credit	Balance
1000				
1010				
1020				
1030				
1040				
1050				
1060				
1070				
1080				
1090				
1100				
1110				
1120				
1130				
1140				
1150				
1160				
1170				
1180				
1190				
1200				
1210				
1220				
1230				
1240				
1250				
1260				
1270				
1280				
1290				
1300				
1310				
1320				
1330				
1340				
1350				
1360				
1370				
1380				
1390				
1400				
1410				
1420				
1430				
1440				
1450				
1460				
1470				
1480				
1490				
1500				
1510				
1520				
1530				
1540				
1550				
1560				
1570				
1580				
1590				
1600				
1610				
1620				
1630				
1640				
1650				
1660				
1670				
1680				
1690				
1700				
1710				
1720				
1730				
1740				
1750				
1760				
1770				
1780				
1790				
1800				
1810				
1820				
1830				
1840				
1850				
1860				
1870				
1880				
1890				
1900				
1910				
1920				
1930				
1940				
1950				
1960				
1970				
1980				
1990				
2000				
2010				
2020				
2030				
2040				
2050				
2060				
2070				
2080				
2090				
2100				
2110				
2120				
2130				
2140				
2150				
2160				
2170				
2180				
2190				
2200				
2210				
2220				
2230				
2240				
2250				
2260				
2270				
2280				
2290				
2300				

[illegible][illegible][illegible]www.A

Year	Month	Day	Time	Location	Activity	Duration	Frequency	Notes
2018	January	1st	10:00 AM	Room 101	General Meeting	1 hour	Monthly	Discuss agenda and reports.
2018	February	1st	10:00 AM	Room 101	General Meeting	1 hour	Monthly	Discuss agenda and reports.
2018	March	1st	10:00 AM	Room 101	General Meeting	1 hour	Monthly	Discuss agenda and reports.
2018	April	1st	10:00 AM	Room 101	General Meeting	1 hour	Monthly	Discuss agenda and reports.
2018	May	1st	10:00 AM	Room 101	General Meeting	1 hour	Monthly	Discuss agenda and reports.
2018	June	1st	10:00 AM	Room 101	General Meeting	1 hour	Monthly	Discuss agenda and reports.
2018	July	1st	10:00 AM	Room 101	General Meeting	1 hour	Monthly	Discuss agenda and reports.
2018	August	1st	10:00 AM	Room 101	General Meeting	1 hour	Monthly	Discuss agenda and reports.
2018	September	1st	10:00 AM	Room 101	General Meeting	1 hour	Monthly	Discuss agenda and reports.
2018	October	1st	10:00 AM	Room 101	General Meeting	1 hour	Monthly	Discuss agenda and reports.
2018	November	1st	10:00 AM	Room 101	General Meeting	1 hour	Monthly	Discuss agenda and reports.
2018	December	1st	10:00 AM	Room 101	General Meeting	1 hour	Monthly	Discuss agenda and reports.

[illegible]EC/IT/99/5-GP/10

	Accountant	Year End	Signature (Date)	AMT/200000	Other
1999	Accountant	1999	1999-12-31	1999-12-31	1999-12-31
2000	Accountant	2000	2000-12-31	2000-12-31	2000-12-31
2001	Accountant	2001	2001-12-31	2001-12-31	2001-12-31
2002	Accountant	2002	2002-12-31	2002-12-31	2002-12-31
2003	Accountant	2003	2003-12-31	2003-12-31	2003-12-31
2004	Accountant	2004	2004-12-31	2004-12-31	2004-12-31
2005	Accountant	2005	2005-12-31	2005-12-31	2005-12-31
2006	Accountant	2006	2006-12-31	2006-12-31	2006-12-31
2007	Accountant	2007	2007-12-31	2007-12-31	2007-12-31
2008	Accountant	2008	2008-12-31	2008-12-31	2008-12-31
2009	Accountant	2009	2009-12-31	2009-12-31	2009-12-31
2010	Accountant	2010	2010-12-31	2010-12-31	2010-12-31
2011	Accountant	2011	2011-12-31	2011-12-31	2011-12-31
2012	Accountant	2012	2012-12-31	2012-12-31	2012-12-31
2013	Accountant	2013	2013-12-31	2013-12-31	2013-12-31
2014	Accountant	2014	2014-12-31	2014-12-31	2014-12-31
2015	Accountant	2015	2015-12-31	2015-12-31	2015-12-31
2016	Accountant	2016	2016-12-31	2016-12-31	2016-12-31
2017	Accountant	2017	2017-12-31	2017-12-31	2017-12-31
2018	Accountant	2018	2018-12-31	2018-12-31	2018-12-31
2019	Accountant	2019	2019-12-31	2019-12-31	2019-12-31
2020	Accountant	2020	2020-12-31	2020-12-31	2020-12-31
2021	Accountant	2021	2021-12-31	2021-12-31	2021-12-31
2022	Accountant	2022	2022-12-31	2022-12-31	2022-12-31
2023	Accountant	2023	2023-12-31	2023-12-31	2023-12-31
2024	Accountant	2024	2024-12-31	2024-12-31	2024-12-31
2025	Accountant	2025	2025-12-31	2025-12-31	2025-12-31
2026	Accountant	2026	2026-12-31	2026-12-31	2026-12-31
2027	Accountant	2027	2027-12-31	2027-12-31	2027-12-31
2028	Accountant	2028	2028-12-31	2028-12-31	2028-12-31
2029	Accountant	2029	2029-12-31	2029-12-31	2029-12-31
2030	Accountant	2030	2030-12-31	2030-12-31	2030-12-31
2031	Accountant	2031	2031-12-31	2031-12-31	2031-12-31
2032	Accountant	2032	2032-12-31	2032-12-31	2032-12-31
2033	Accountant	2033	2033-12-31	2033-12-31	2033-12-31
2034	Accountant	2034	2034-12-31	2034-12-31	2034-12-31
2035	Accountant	2035	2035-12-31	2035-12-31	2035-12-31
2036	Accountant	2036	2036-12-31	2036-12-31	2036-12-31
2037	Accountant	2037	2037-12-31	2037-12-31	2037-12-31
2038	Accountant	2038	2038-12-31	2038-12-31	2038-12-31
2039	Accountant	2039	2039-12-31	2039-12-31	2039-12-31
2040	Accountant	2040	2040-12-31	2040-12-31	2040-12-31
2041	Accountant	2041	2041-12-31	2041-12-31	2041-12-31
2042	Accountant	2042	2042-12-31	2042-12-31	2042-12-31
2043	Accountant	2043	2043-12-31	2043-12-31	2043-12-31
2044	Accountant	2044	2044-12-31	2044-12-31	2044-12-31
2045	Accountant	2045	2045-12-31	2045-12-31	2045-12-31
2046	Accountant	2046	2046-12-31	2046-12-31	2046-12-31
2047	Accountant	2047	2047-12-31	2047-12-31	2047-12-31
2048	Accountant	2048	2048-12-31	2048-12-31	2048-12-31
2049	Accountant	2049	2049-12-31	2049-12-31	2049-12-31
2050	Accountant	2050	2050-12-31	2050-12-31	2050-12-31
2051	Accountant	2051	2051-12-31	2051-12-31	2051-12-31

	Account	Est. No.	Revised Dates	Estimate	Cost
1990	General	1000	10/1/90 - 12/31/90	\$100,000	\$100,000
1991	General	1000	10/1/91 - 12/31/91	\$100,000	\$100,000
1992	General	1000	10/1/92 - 12/31/92	\$100,000	\$100,000
1993	General	1000	10/1/93 - 12/31/93	\$100,000	\$100,000
1994	General	1000	10/1/94 - 12/31/94	\$100,000	\$100,000
1995	General	1000	10/1/95 - 12/31/95	\$100,000	\$100,000
1996	General	1000	10/1/96 - 12/31/96	\$100,000	\$100,000
1997	General	1000	10/1/97 - 12/31/97	\$100,000	\$100,000
1998	General	1000	10/1/98 - 12/31/98	\$100,000	\$100,000
1999	General	1000	10/1/99 - 12/31/99	\$100,000	\$100,000
2000	General	1000	10/1/00 - 12/31/00	\$100,000	\$100,000
2001	General	1000	10/1/01 - 12/31/01	\$100,000	\$100,000
2002	General	1000	10/1/02 - 12/31/02	\$100,000	\$100,000
2003	General	1000	10/1/03 - 12/31/03	\$100,000	\$100,000
2004	General	1000	10/1/04 - 12/31/04	\$100,000	\$100,000
2005	General	1000	10/1/05 - 12/31/05	\$100,000	\$100,000
2006	General	1000	10/1/06 - 12/31/06	\$100,000	\$100,000
2007	General	1000	10/1/07 - 12/31/07	\$100,000	\$100,000
2008	General	1000	10/1/08 - 12/31/08	\$100,000	\$100,000
2009	General	1000	10/1/09 - 12/31/09	\$100,000	\$100,000
2010	General	1000	10/1/10 - 12/31/10	\$100,000	\$100,000
2011	General	1000	10/1/11 - 12/31/11	\$100,000	\$100,000
2012	General	1000	10/1/12 - 12/31/12	\$100,000	\$100,000
2013	General	1000	10/1/13 - 12/31/13	\$100,000	\$100,000
2014	General	1000	10/1/14 - 12/31/14	\$100,000	\$100,000
2015	General	1000	10/1/15 - 12/31/15	\$100,000	\$100,000
2016	General	1000	10/1/16 - 12/31/16	\$100,000	\$100,000
2017	General	1000	10/1/17 - 12/31/17	\$100,000	\$100,000
2018	General	1000	10/1/18 - 12/31/18	\$100,000	\$100,000
2019	General	1000	10/1/19 - 12/31/19	\$100,000	\$100,000
2020	General	1000	10/1/20 - 12/31/20	\$100,000	\$100,000
2021	General	1000	10/1/21 - 12/31/21	\$100,000	\$100,000
2022	General	1000	10/1/22 - 12/31/22	\$100,000	\$100,000
2023	General	1000	10/1/23 - 12/31/23	\$100,000	\$100,000
2024	General	1000	10/1/24 - 12/31/24	\$100,000	\$100,000
2025	General	1000	10/1/25 - 12/31/25	\$100,000	\$100,000
2026	General	1000	10/1/26 - 12/31/26	\$100,000	\$100,000
2027	General	1000	10/1/27 - 12/31/27	\$100,000	\$100,000
2028	General	1000	10/1/28 - 12/31/28	\$100,000	\$100,000
2029	General	1000	10/1/29 - 12/31/29	\$100,000	\$100,000
2030	General	1000	10/1/30 - 12/31/30	\$100,000	\$100,000
2031	General	1000	10/1/31 - 12/31/31	\$100,000	\$100,000
2032	General	1000	10/1/32 - 12/31/32	\$100,000	\$100,000
2033	General	1000	10/1/33 - 12/31/33	\$100,000	\$100,000
2034	General	1000	10/1/34 - 12/31/34	\$100,000	\$100,000
2035	General	1000	10/1/35 - 12/31/35	\$100,000	\$100,000
2036	General	1000	10/1/36 - 12/31/36	\$100,000	\$100,000
2037	General	1000	10/1/37 - 12/31/37	\$100,000	\$100,000
2038	General	1000	10/1/38 - 12/31/38	\$100,000	\$100,000
2039	General	1000	10/1/39 - 12/31/39	\$100,000	\$100,000
2040	General	1000	10/1/40 - 12/31/40	\$100,000	\$100,000
2041	General	1000	10/1/41 - 12/31/41	\$100,000	\$100,000
2042	General	1000	10/1/42 - 12/31/42	\$100,000	\$100,000
20					

Year	Quarter	Month	Revenue	Expenses	Profit
2018	Q1	Jan	100000	80000	20000
2018	Q1	Feb	120000	90000	30000
2018	Q1	Mar	150000	100000	50000
2018	Q2	Apr	180000	120000	60000
2018	Q2	May	200000	130000	70000
2018	Q2	Jun	220000	140000	80000
2018	Q3	Jul	250000	150000	100000
2018	Q3	Aug	280000	160000	120000
2018	Q3	Sep	300000	170000	130000
2018	Q4	Oct	320000	180000	140000
2018	Q4	Nov	350000	190000	160000
2018	Q4	Dec	380000	200000	180000
2019	Q1	Jan	400000	220000	180000
2019	Q1	Feb	420000	230000	190000
2019	Q1	Mar	450000	240000	210000
2019	Q2	Apr	480000	250000	230000
2019	Q2	May	500000	260000	240000
2019	Q2	Jun	520000	270000	250000
2019	Q3	Jul	550000	280000	270000
2019	Q3	Aug	580000	290000	290000
2019	Q3	Sep	600000	300000	300000
2019	Q4	Oct	620000	310000	310000
2019	Q4	Nov	650000	320000	330000
2019	Q4	Dec	680000	330000	350000

Year	Country	Population (millions)	Urban population (millions)	Population density (per sq km)	Urban population density (per sq km)
1950	USA	150	70	30	100
1950	UK	55	30	250	1000
1950	France	45	25	200	800
1950	Germany	50	25	250	1000
1950	Italy	45	20	200	800
1950	Japan	90	40	300	1000
1950	USSR	160	70	70	200
1950	China	550	100	120	300
1950	India	360	50	150	400
1950	Canada	25	10	10	30
1950	Australia	10	5	5	10
1950	South Africa	10	5	10	30
1950	Argentina	15	5	10	30
1950	Brazil	70	20	20	50
1950	Mexico	25	10	20	50
1950	Colombia	15	5	20	50
1950	Venezuela	10	5	20	50
1950	Chile	5	2	20	50
1950	Peru	10	5	20	50
1950	Ecuador	5	2	20	50
1950	Bolivia	5	2	20	50
1950	Paraguay	5	2	20	50
1950	Uruguay	2	1	20	50
1950	Costa Rica	1	0.5	20	50
1950	Panama	0.5	0.2	20	50
1950	Cuba	0.5	0.2	20	50
1950	Haiti	0.5	0.2	20	50
1950	Dominican Republic	0.5	0.2	20	50
1950	Jamaica	0.5	0.2	20	50
1950	Trinidad and Tobago	0.5	0.2	20	50
1950	Guyana	0.5	0.2	20	50
1950	Suriname	0.5	0.2	20	50
1950	French Guiana	0.5	0.2	20	50
1950	Guadeloupe	0.5	0.2	20	50
1950	Martinique	0.5	0.2	20	50
1950	Reunion	0.5	0.2	20	50
1950	Mayotte	0.5	0.2	20	50
1950	French Polynesia	0.5	0.2	20	50
1950	New Caledonia	0.5	0.2	20	50
1950	Wallis and Futuna	0.5	0.2	20	50
1950	French Southern Territories	0.5	0.2	20	50
1950	British Virgin Islands	0.5	0.2	20	50
1950	U.S. Virgin Islands	0.5	0.2	20	50
1950	Puerto Rico	0.5	0.2	20	50
1950	Guam	0.5	0.2	20	50
1950	Northern Mariana Islands	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5	0.2	20	50
1950	Palau	0.5	0.2	20	50
1950	Micronesia	0.5	0.2	20	50
1950	Marshall Islands	0.5</			

[illegible][illegible][illegible]

NEO-TVW Setting

[illegible]

Device Identification		
Device Name		
IP	Device Name	Device ID
192.168.1.1	192.168.1.1	192.168.1.1

Callisto Jones & Tom Farrant Smith

style="text-align: right;">10/10/2016

Country	Year	Value
Algeria	1990	1.0
Algeria	1991	1.0
Algeria	1992	1.0
Algeria	1993	1.0
Algeria	1994	1.0
Algeria	1995	1.0
Algeria	1996	1.0
Algeria	1997	1.0
Algeria	1998	1.0
Algeria	1999	1.0
Algeria	2000	1.0
Algeria	2001	1.0
Algeria	2002	1.0
Algeria	2003	1.0
Algeria	2004	1.0
Algeria	2005	1.0
Algeria	2006	1.0
Algeria	2007	1.0
Algeria	2008	1.0
Algeria	2009	1.0
Algeria	2010	1.0
Algeria	2011	1.0
Algeria	2012	1.0
Algeria	2013	1.0
Algeria	2014	1.0
Algeria	2015	1.0
Algeria	2016	1.0
Algeria	2017	1.0
Algeria	2018	1.0
Algeria	2019	1.0
Algeria	2020	1.0
Algeria	2021	1.0
Algeria	2022	1.0
Algeria	2023	1.0
Algeria	2024	1.0
Algeria	2025	1.0
Algeria	2026	1.0
Algeria	2027	1.0
Algeria	2028	1.0
Algeria	2029	1.0
Algeria	2030	1.0
Algeria	2031	1.0
Algeria	2032	1.0
Algeria	2033	1.0
Algeria	2034	1.0
Algeria	2035	1.0
Algeria	2036	1.0
Algeria	2037	1.0
Algeria	2038	1.0
Algeria	2039	1.0
Algeria	2040	1.0
Algeria	2041	1.0
Algeria	2042	1.0
Algeria	2043	1.0
Algeria	2044	1.0
Algeria	2045	1.0
Algeria	2046	1.0
Algeria	2047	1.0
Algeria	2048	1.0
Algeria	2049	1.0
Algeria	2050	1.0
Algeria	2051	1.0
Algeria	2052	1.0
Algeria	2053	1.0
Algeria	2054	1.0
Algeria	2055	1.0
Algeria	2056	1.0
Algeria	2057	1.0
Algeria	2058	1.0
Algeria	2059	1.0
Algeria	2060	1.0
Algeria	2061	1.0
Algeria	2062	1.0
Algeria	2063	1.0
Algeria	2064	1.0
Algeria	2065	1.0
Algeria	2066	1.0
Algeria	2067	1.0
Algeria	2068	1.0
Algeria	2069	1.0
Algeria	2070	1.0
Algeria	2071	1.0
Algeria	2072	1.0
Algeria	2073	1.0
Algeria	2074	1.0
Algeria	2075	1.0
Algeria	2076	1.0
Algeria	2077	1.0
Algeria	2078	1.0
Algeria	2079	1.0
Algeria	2080	1.0
Algeria	2081	1.0
Algeria	2082	1.0
Algeria	2083	1.0
Algeria	2084	1.0
Algeria	2085	1.0
Algeria	2086	1.0
Algeria	2087	1.0
Algeria	2088	1.0
Algeria	2089	1.0
Algeria	2090	1.0
Algeria	2091	1.0
Algeria	2092	1.0
Algeria	2093	1.0
Algeria	2094	1.0
Algeria	2095	1.0
Algeria	2096	1.0
Algeria	2097	1.0
Algeria	2098	1.0
Algeria	2099	1.0
Algeria	2100	1.0
Algeria	2101	1.0
Algeria	2102	1.0
Algeria	2103	1.0
Algeria	2104	1.0
Algeria	2105	1.0
Algeria	2106	1.0
Algeria	2107	1.0
Algeria	2108	1.0
Algeria	2109	1.0
Algeria	2110	1.0
Algeria	2111	1.0
Algeria	2112	1.0
Algeria	2113	1.0
Algeria	2114	1.0
Algeria	2115	1.0
Algeria	2116	1.0
Algeria	2117	1.0
Algeria	2118	1.0
Algeria	2119	1.0
Algeria	2120	1.0
Algeria	2121	1.0
Algeria	2122	1.0
Algeria	2123	1.0
Algeria	2124	1.0
Algeria	2125	1.0
Algeria	2126	1.0
Algeria	2127	1.0
Algeria	2128	1.0
Algeria	2129	1.0
Algeria	2130	1.0
Algeria	2131	1.0
Algeria	2132	1.0
Algeria	2133	1.0
Algeria	2134	1.0
Algeria	2135	1.0
Algeria	2136	1.0
Algeria	2137	1.0
Algeria	2138	1.0
Algeria	2139	1.0
Algeria	2140	1.0
Algeria	2141	1.0
Algeria	2142	1.0
Algeria	2143	1.0
Algeria	2144	1.0
Algeria	2145	1.0
Algeria	2146	1.0
Algeria	2147	1.0
Algeria	2148	1.0
Algeria	2149	1.0
Algeria	2150	1.0
Algeria	2151	1.0
Algeria	2152	1.0
Algeria	2153	1.0
Algeria	2154	1.0
Algeria	2155	1.0
Algeria	2156	1.0
Algeria	2157	1.0
Algeria	2158	1.0
Algeria	2159	1.0
Algeria	2160	1.0
Algeria	2161	1.0
Algeria	2162	1.0
Algeria	2163	1.0
Algeria	2164	1.0
Algeria	2165	1.0
Algeria	2166	1.0
Algeria	2167	1.0
Algeria	2168	1.0
Algeria	2169	1.0
Algeria	2170	1.0
Algeria	2171	1.0
Algeria	2172	1.0
Algeria	2173	1.0
Algeria	2174	1.0
Algeria	2175	1.0
Algeria	2176	1.0
Algeria	2177	1.0
Algeria	2178	1.0
Algeria	2179	1.0
Algeria	2180	1.0
Algeria	2181	1.0
Algeria	2182	1.0
Algeria	2183	1.0
Algeria	2184	1.0
Algeria	2185	1.0
Algeria	2186	1.0
Algeria	2187	1.0
Algeria	2188	1.0
Algeria	2189	1.0
Algeria	2190	1.0
Algeria	2191	1.0
Algeria	2192	1.0
Algeria	2193	1.0
Algeria	2194	1.0
Algeria	2195	1.0
Algeria	2196	1.0
Algeria	2197	1.0
Algeria	2198	1.0
Algeria	2199	1.0
Algeria	2200	1.0
Algeria	2201	1.0
Algeria	2202	1.0
Algeria	2203	1.0
Algeria	2204	1.0
Algeria	2205	1.0
Algeria	2206	1.0
Algeria	2207	1.0
Algeria	2208	1.0
Algeria	2209	1.0
Algeria	2210	1.0
Algeria	2211	1.0
Algeria	2212	1.0
Algeria	2213	1.0
Algeria	2214	1.0
Algeria	2215	1.0
Algeria	2216	1.0
Algeria	2217	1.0
Algeria	2218	1.0
Algeria	2219	1.0
Algeria	2220	1.0
Algeria	2221	1.0
Algeria	2222	1.0
Algeria	2223	1.0
Algeria	2224	1.0
Algeria	2225	1.0
Algeria	2226	1.0
Algeria	2227	1.0
Algeria	2228	1.0
Algeria	2229	1.0
Algeria	2230	1.0
Algeria	2231	1.0
Algeria	2232	1.0
Algeria	2233	1.0
Algeria	2234	1.0
Algeria	2235	1.0
Algeria	2236	1.0
Algeria	2237	1.0
Algeria	2238	1.0
Algeria	2239	1.0
Algeria	2240	1.0
Algeria	2241	1.0
Algeria	2242	1.0
Algeria	2243	1.0
Algeria	2244	1.0
Algeria	2245	1.0
Algeria	2246	1.0
Algeria	2247	1.0
Algeria	2248	1.0
Algeria	2249	1.0
Algeria	2250	1.0
Algeria	2251	1.0
Algeria	2252	1.0
Algeria	2253	1.0
Algeria	2254	1.0
Algeria	2255	1.0
Algeria	2256	1.0
Algeria	2257	1.0
Algeria	2258	1.0
Algeria	2259	1.0
Algeria	2260	1.0
Algeria	2261	1.0
Algeria	2262	1.0
Algeria	2263	1.0
Algeria	2264	1.0
Algeria	2265	1.0
Algeria	2266	1.0
Algeria	2267	1.0
Algeria	2268	1.0
Algeria	2269	1.0
Algeria	2270	1.0
Algeria	2271	1.0
Algeria	2272	1.0
Algeria	2273	1.0
Algeria	2274	1.0
Algeria	2275	1.0
Algeria	2276	1.0
Algeria	2277	1.0
Algeria	2278	1.0
Algeria	2279	1.0
Algeria	2280	1.0
Algeria	2281	1.0
Algeria	2282	1.0
Algeria	2283	1.0
Algeria	2284	1.0
Algeria	2285	1.0
Algeria	2286	1.0
Algeria	2287	1.0
Algeria	2288	1.0
Algeria	2289	1.0
Algeria	2290	1.0
Algeria	2291	1.0
Algeria	2292	1.0
Algeria	2293	1.0
Algeria	2294	1.0
Algeria	2295	1.0
Algeria	2296	1.0
Algeria	2297	1.0
Algeria	2298	1.0
Algeria	2299	1.0
Algeria	2300	1.0
Algeria	2301	1.0
Algeria	2302	1.0
Algeria	2303	1.0
Algeria	2304	1.0
Algeria	2305	1.0
Algeria	2306	1.0
Algeria	2307	1.0
Algeria	2308	1.0
Algeria	2309	1.0
Algeria	2310	1.0
Algeria	2311	1.0
Algeria	2312	1.0
Algeria	2313	1.0
Algeria	2314	1.0
Algeria	2315	1.0
Algeria	2316	1.0
Algeria	2317	1.0
Algeria	2318	1.0
Algeria	2319	1.0
Algeria	2320	1.0
Algeria	2321	1.0
Algeria	2322	1.0
Algeria	2323	1.0
Algeria	2324	1.0
Algeria	2325	1.0
Algeria	2326	1.0
Algeria	2327	1.0
Algeria	2328	1.0
Algeria	2329	1.0
Algeria	2330	1.0
Algeria	2331	1.0
Algeria	2332	1.0
Algeria	2333	1.0
Algeria	2334	1.0
Algeria	2335	1.0
Algeria	2336	1.0
Algeria	2337	1.0
Algeria	2338	1.0
Algeria	2339	1.0
Algeria	2340	1.0
Algeria	2341	1.0
Algeria	2342	1.0
Algeria	2343	1.0
Algeria	2344	1.0
Algeria	2345	1.0
Algeria	2346	1.0
Algeria	2347	1.0
Algeria	2348	1.0
Algeria	2349	1.0
Algeria	2350	1.0
Algeria	2351	1.0
Algeria	2352	1.0
Algeria	2353	1.0
Algeria	2354	1.0
Algeria	2355	1.0
Algeria	2356	1.0
Algeria	2357	1.0
Algeria	2358	1.0
Algeria	2359	1.0
Algeria	2360	1.0
Algeria	2361	1.0
Algeria	2362	1.0
Algeria	2363	1.0
Algeria	2364	1.0
Algeria	2365	1.0
Algeria	2366	1.0
Algeria	2367	1.0
Algeria	2368	1.0
Algeria	2369	1.0
Algeria	2370	1.0
Algeria	2371	1.0
Algeria	2372	1.0
Algeria	2373	1.0
Algeria	2374	1.0
Algeria	2375	1.0
Algeria	2376	1.0
Algeria	2377	1.0
Algeria	2378	1.0
Algeria	2379	1.0
Algeria	2380	1.0
Algeria	2381	1.0
Algeria	2382	1.0
Algeria	2383	1.0
Algeria	2384	1.0
Algeria	2385	1.0
Algeria	2386	1.0
Algeria	2387	1.0
Algeria	2388	1.0
Algeria	2389	1.0
Algeria	2390	1.0
Algeria	2391	1.0
Algeria	2392	1.0
Algeria	2393	1.0
Algeria	2394	1.0
Algeria	2395	1.0
Algeria	2396	1.0
Algeria	2397	1.0
Algeria	2398	1.0
Algeria	2399	1.0
Algeria	2400	1.0
Algeria	2401	1.0
Algeria	2402	1.0
Algeria	2403	1.0
Algeria	2404	1.0
Algeria	2405	1.0
Algeria	2406	1.0
Algeria	2407	1.0
Algeria	2408	1.0
Algeria	2409	1.0
Algeria	2410	1.0
Algeria	2411	1.0
Algeria	2412	1.0
Algeria	2413	1.0
Algeria	2414	1.0
Algeria	2415	1.0

	Numero
→	00000-001
	00000-002
	00000-003
	00000-004
	00000-005
→	00000-006
	00000-007
	00000-008
	00000-009
	00000-010
	00000-011
	00000-012
	00000-013
	00000-014
	00000-015
	00000-016
	00000-017
	00000-018
	00000-019
	00000-020
	00000-021
	00000-022
	00000-023
	00000-024
	00000-025
	00000-026
	00000-027
	00000-028
	00000-029
	00000-030
	00000-031
	00000-032
	00000-033
	00000-034
	00000-035
	00000-036
	00000-037
	00000-038
	00000-039
	00000-040
	00000-041
	00000-042
	00000-043
	00000-044
	00000-045
	00000-046
	00000-047
	00000-048
	00000-049
	00000-050
	00000-051
	00000-052
	00000-053
	00000-054
	00000-055
	00000-056
	00000-057
	00000-058
	00000-059
	00000-060
	00000-061
	00000-062
	00000-063
	00000-064
	00000-065
	00000-066
	00000-067
	00000-068
	00000-069
	00000-070
	00000-071
	00000-072
	00000-073
	00000-074
	00000-075
	00000-076
	00000-077
	00000-078
	00000-079
	00000-080
	00000-081
	00000-082
	00000-083
	00000-084
	00000-085
	00000-086
	00000-087
	00000-088
	00000-089
	00000-090
	00000-091
	00000-092
	00000-093
	00000-094
	00000-095
	00000-096
	00000-097
	00000-098
	00000-099
	00000-100

2004 - 2005 (in US\$ million)				
Country	2004	2005	2004-2005	2004-2005
Algeria	100.00	100.00	0.00	0.00
Angola	100.00	100.00	0.00	0.00
Argentina	100.00	100.00	0.00	0.00
Armenia	100.00	100.00	0.00	0.00
Australia	100.00	100.00	0.00	0.00
Austria	100.00	100.00	0.00	0.00
Azerbaijan	100.00	100.00	0.00	0.00
Bahrain	100.00	100.00	0.00	0.00
Bangladesh	100.00	100.00	0.00	0.00
Barbados	100.00	100.00	0.00	0.00
Belarus	100.00	100.00	0.00	0.00
Belgium	100.00	100.00	0.00	0.00
Belize	100.00	100.00	0.00	0.00
Benin	100.00	100.00	0.00	0.00
Bhutan	100.00	100.00	0.00	0.00
Bolivia	100.00	100.00	0.00	0.00
Bosnia and Herzegovina	100.00	100.00	0.00	0.00
Brazil	100.00	100.00	0.00	0.00
Bulgaria	100.00	100.00	0.00	0.00
Burkina Faso	100.00	100.00	0.00	0.00
Burundi	100.00	100.00	0.00	0.00
Cambodia	100.00	100.00	0.00	0.00
Cameroon	100.00	100.00	0.00	0.00
Canada	100.00	100.00	0.00	0.00
Cape Verde	100.00	100.00	0.00	0.00
Casakhstan	100.00	100.00	0.00	0.00
Catalina	100.00	100.00	0.00	0.00
Cayman Islands	100.00	100.00	0.00	0.00
Czechia	100.00	100.00	0.00	0.00
Dominica	100.00	100.00	0.00	0.00
Dominican Republic	100.00	100.00	0.00	0.00
DRC	100.00	100.00	0.00	0.00
Ecuador	100.00	100.00	0.00	0.00
Egypt	100.00	100.00	0.00	0.00
El Salvador	100.00	100.00	0.00	0.00
Equatorial Guinea	100.00	100.00	0.00	0.00
Estonia	100.00	100.00	0.00	0.00
Ethiopia	100.00	100.00	0.00	0.00
Fiji	100.00	100.00	0.00	0.00
Finland	100.00	100.00	0.00	0.00
France	100.00	100.00	0.00	0.00
Gabon	100.00	100.00	0.00	0.00
Gambia	100.00	100.00	0.00	0.00
Georgia	100.00	100.00	0.00	0.00
Germany	100.00	100.00	0.00	0.00
Ghana	100.00	100.00	0.00	0.00
Greece	100.00	100.00	0.00	0.00
Guatemala	100.00	100.00	0.00	0.00
Guinea	100.00	100.00	0.00	0.00
Guinea-Bissau	100.00	100.00	0.00	0.00
Honduras	100.00	100.00	0.00	0.00
Hong Kong	100.00	100.00	0.00	0.00
Hungary	100.00	100.00	0.00	0.00
Iceland	100.00	100.00	0.00	0.00
India	100.00	100.00	0.00	0.00
Indonesia	100.00	100.00	0.00	0.00
Iran	100.00	100.00	0.00	0.00
Ireland	100.00	100.00	0.00	0.00
Israel	100.00	100.00	0.00	0.00
Italy	100.00	100.00	0.00	0.00
Jamaica	100.00	100.00	0.00	0.00
Japan	100.00	100.00	0.00	0.00
Jordan	100.00	100.00	0.00	0.00
Kazakhstan	100.00	100.00	0.00	0.00
Kenya	100.00	100.00	0.00	0.00
Korea	100.00	100.00	0.00	0.00
Kosovo	100.00	100.00	0.00	0.00
Kuwait	100.00	100.00	0.00	0.00

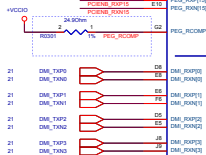
2008 - 2010 - 2012 - 2014 - 2016 - 2018 - 2020 - 2022 - 2024 - 2026 - 2028 - 2030 - 2032 - 2034 - 2036 - 2038 - 2040 - 2042 - 2044 - 2046 - 2048 - 2050 - 2052 - 2054 - 2056 - 2058 - 2060 - 2062 - 2064 - 2066 - 2068 - 2070 - 2072 - 2074 - 2076 - 2078 - 2080 - 2082 - 2084 - 2086 - 2088 - 2090 - 2092 - 2094 - 2096 - 2098 - 2100				
2008	2010	2012	2014	2016
2018	2020	2022	2024	2026
2028	2030	2032	2034	2036
2038	2040	2042	2044	2046
2048	2050	2052	2054	2056
2058	2060	2062	2064	2066
2068	2070	2072	2074	2076
2078	2080	2082	2084	2086
2088	2090	2092	2094	2096
2098	2100			

[illegible]

PCIEG

EDG 544924
table 2-17

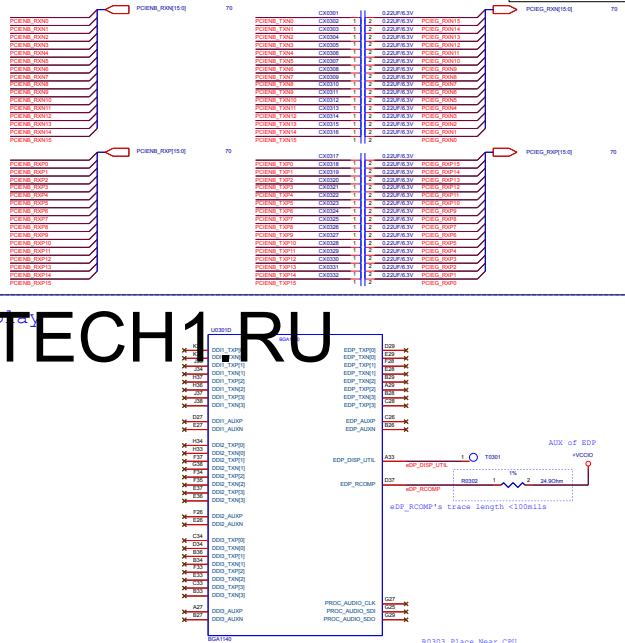
R0.1-25



R0301 close to CPU
PED_COMP trace length <400mils

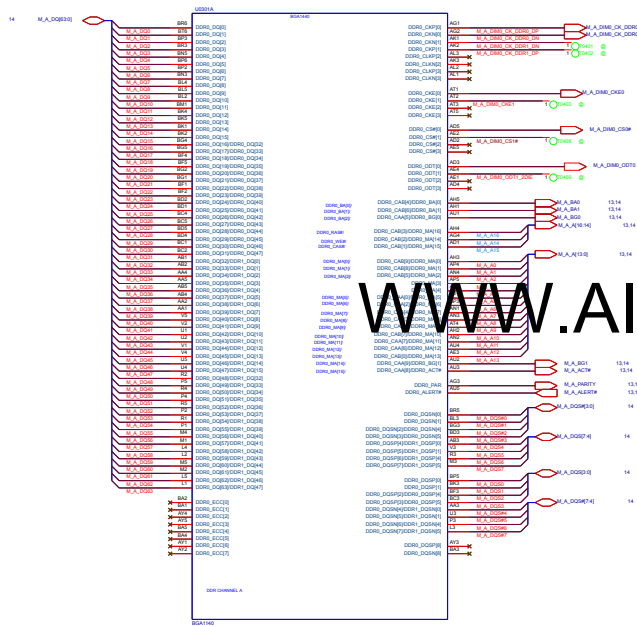


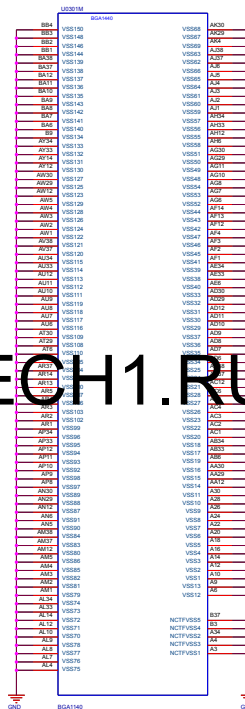
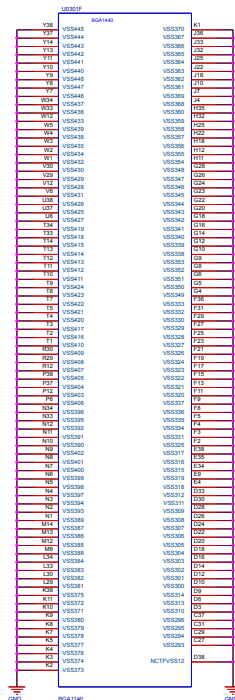
WWW.AITECH1.RU



R0303 Place Near CPU

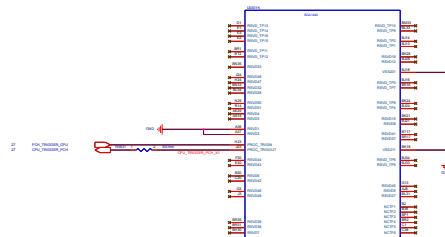
Memory Channel A

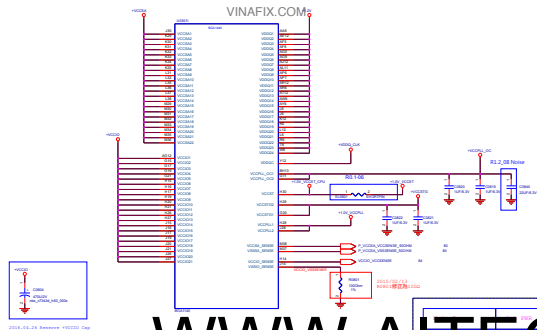




CFG

55



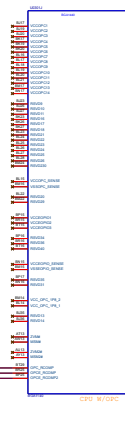


WWW.AITECH1.RU

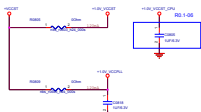
AC_BAT_VIS			
+VCCIO			
+VCCST			
+VCCSD			

OPC Power Rails

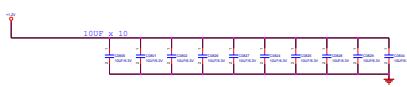
Main Board



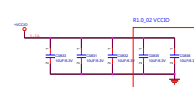
+1.0V_VCCST/+1.0V_VCCPL
DECAPS Place Back Side (TOP)



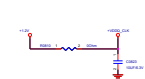
+VCCIO DECAPS Place Back Side (TOP)



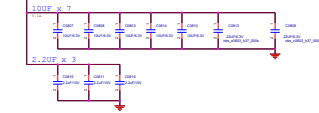
+VCCIO DECAPS Place Back Side (TOP)



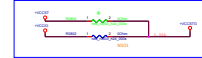
+VCCIO_CLK DECAPS Place Back Side (TOP)



+VCCSA DECAPS Place Back Side (TOP)

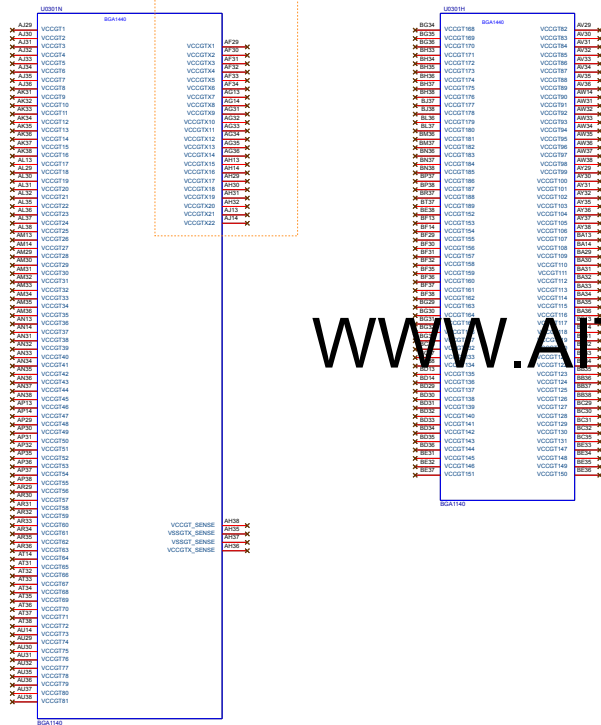


R0 1-08



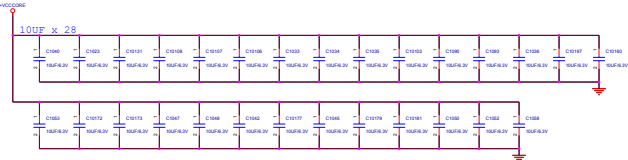
Volume Segment
+VCCIO is supplied +1.0VS (shared with +VCCSTG)

For W/GT3/GT4 CPU

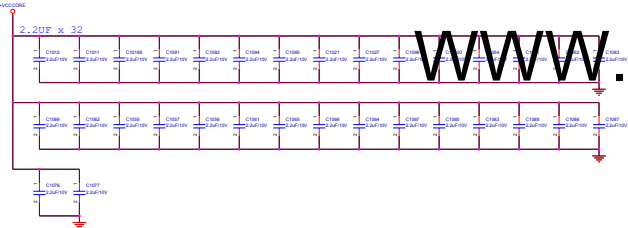


Main Board

+VCCORE DECAPS Place Back Side (TOP)

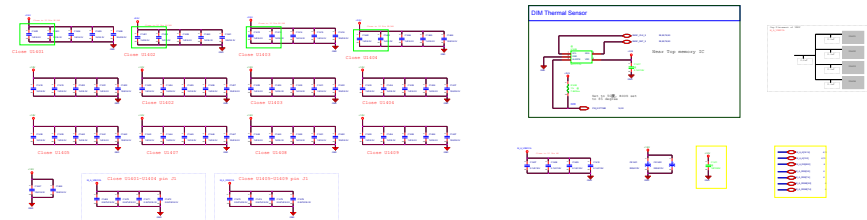
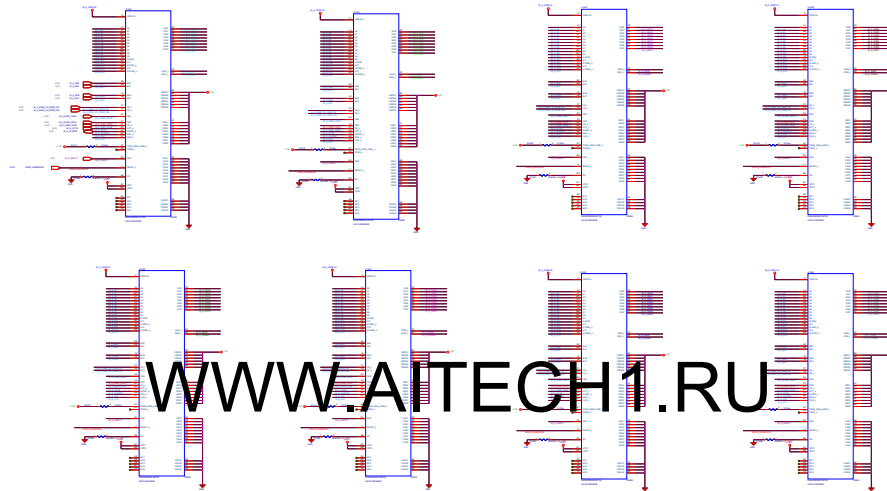


+VCCGT DECAPS Place Back Side (TOP)

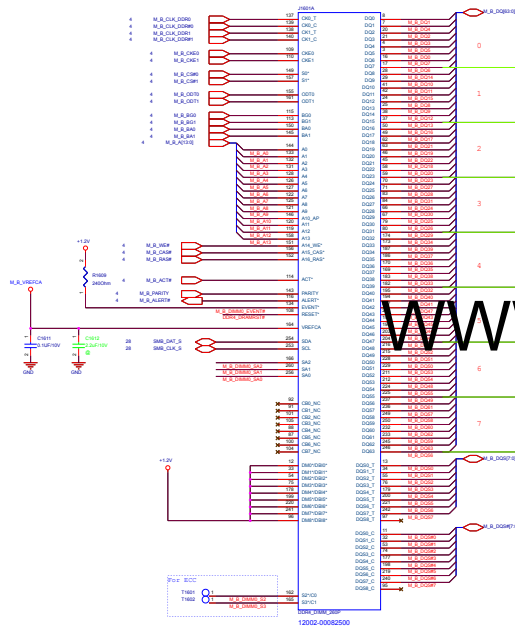


WWW.AITECH1.RU





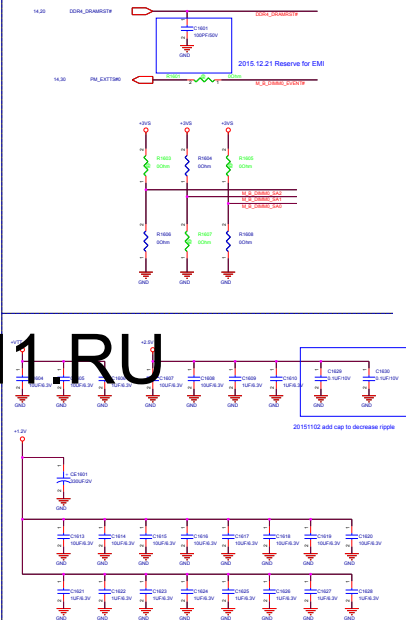
SODIMM CHB-DIMM0 TOP H4.0mm STD (J1601)



SO-DIMMs that do not support ECC (x64 only) will use the SPD with EVENT# not wired.
SO-DIMMs that support ECC (x72) will use a combined SPD/Thermal Sensor with EVENT# wired.

EVENT# ON ECC DIMM: KEEP A PULL UP IF NO PIN IN DIMM

Main Board

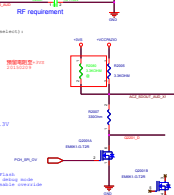




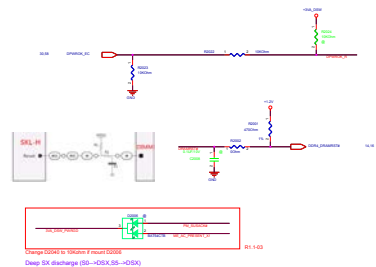
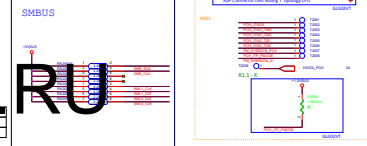
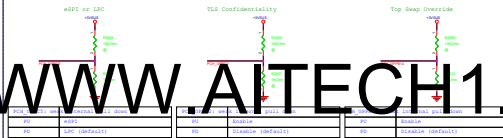
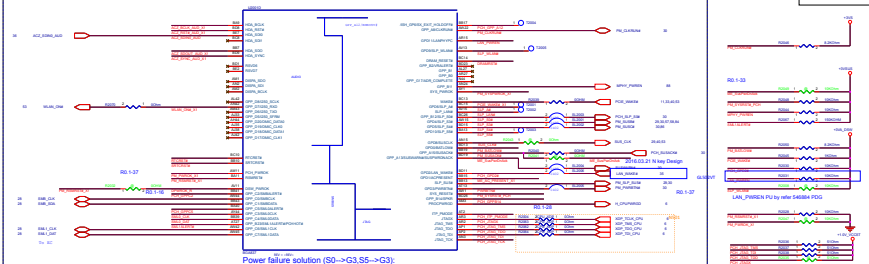
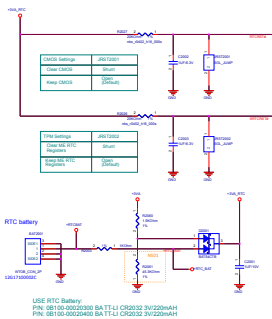
Pin	Signal	Pin	Signal	Pin	Signal
38	AC2_BCLK_ASD	1	12.0VDD	2	PPS2001A
39	AC2_EVNC_ASD	3	12.0VDD	3	PPS2001B
40	AC2_RSTNA_ASD	4	12.0VDD	4	AC2_P2VNC_ASD_01
41	AC2_RSTNA_ASD	5	12.0VDD	5	AC2_P2VNC_ASD_01
42	AC2_RSTNA_ASD	6	12.0VDD	6	PPS2001C
43	AC2_RSTNA_ASD	7	12.0VDD	7	AC2_P2VNC_ASD_01
44	AC2_RSTNA_ASD	8	12.0VDD	8	PPS2001D
45	AC2_RSTNA_ASD	9	12.0VDD	9	AC2_P2VNC_ASD_01
46	AC2_RSTNA_ASD	10	12.0VDD	10	PPS2001E
47	AC2_RSTNA_ASD	11	12.0VDD	11	AC2_P2VNC_ASD_01
48	AC2_RSTNA_ASD	12	12.0VDD	12	PPS2001F
49	AC2_RSTNA_ASD	13	12.0VDD	13	AC2_P2VNC_ASD_01
50	AC2_RSTNA_ASD	14	12.0VDD	14	PPS2001G
51	AC2_RSTNA_ASD	15	12.0VDD	15	AC2_P2VNC_ASD_01
52	AC2_RSTNA_ASD	16	12.0VDD	16	PPS2001H
53	AC2_RSTNA_ASD	17	12.0VDD	17	AC2_P2VNC_ASD_01
54	AC2_RSTNA_ASD	18	12.0VDD	18	PPS2001I
55	AC2_RSTNA_ASD	19	12.0VDD	19	AC2_P2VNC_ASD_01
56	AC2_RSTNA_ASD	20	12.0VDD	20	PPS2001J
57	AC2_RSTNA_ASD	21	12.0VDD	21	AC2_P2VNC_ASD_01
58	AC2_RSTNA_ASD	22	12.0VDD	22	PPS2001K
59	AC2_RSTNA_ASD	23	12.0VDD	23	AC2_P2VNC_ASD_01
60	AC2_RSTNA_ASD	24	12.0VDD	24	PPS2001L
61	AC2_RSTNA_ASD	25	12.0VDD	25	AC2_P2VNC_ASD_01
62	AC2_RSTNA_ASD	26	12.0VDD	26	PPS2001M
63	AC2_RSTNA_ASD	27	12.0VDD	27	AC2_P2VNC_ASD_01
64	AC2_RSTNA_ASD	28	12.0VDD	28	PPS2001N
65	AC2_RSTNA_ASD	29	12.0VDD	29	AC2_P2VNC_ASD_01
66	AC2_RSTNA_ASD	30	12.0VDD	30	PPS2001O
67	AC2_RSTNA_ASD	31	12.0VDD	31	AC2_P2VNC_ASD_01
68	AC2_RSTNA_ASD	32	12.0VDD	32	PPS2001P
69	AC2_RSTNA_ASD	33	12.0VDD	33	AC2_P2VNC_ASD_01
70	AC2_RSTNA_ASD	34	12.0VDD	34	PPS2001Q
71	AC2_RSTNA_ASD	35	12.0VDD	35	AC2_P2VNC_ASD_01
72	AC2_RSTNA_ASD	36	12.0VDD	36	PPS2001R
73	AC2_RSTNA_ASD	37	12.0VDD	37	AC2_P2VNC_ASD_01
74	AC2_RSTNA_ASD	38	12.0VDD	38	PPS2001S
75	AC2_RSTNA_ASD	39	12.0VDD	39	AC2_P2VNC_ASD_01
76	AC2_RSTNA_ASD	40	12.0VDD	40	PPS2001T
77	AC2_RSTNA_ASD	41	12.0VDD	41	AC2_P2VNC_ASD_01
78	AC2_RSTNA_ASD	42	12.0VDD	42	PPS2001U
79	AC2_RSTNA_ASD	43	12.0VDD	43	AC2_P2VNC_ASD_01
80	AC2_RSTNA_ASD	44	12.0VDD	44	PPS2001V
81	AC2_RSTNA_ASD	45	12.0VDD	45	AC2_P2VNC_ASD_01
82	AC2_RSTNA_ASD	46	12.0VDD	46	PPS2001W
83	AC2_RSTNA_ASD	47	12.0VDD	47	AC2_P2VNC_ASD_01
84	AC2_RSTNA_ASD	48	12.0VDD	48	PPS2001X
85	AC2_RSTNA_ASD	49	12.0VDD	49	AC2_P2VNC_ASD_01
86	AC2_RSTNA_ASD	50	12.0VDD	50	PPS2001Y
87	AC2_RSTNA_ASD	51	12.0VDD	51	AC2_P2VNC_ASD_01
88	AC2_RSTNA_ASD	52	12.0VDD	52	PPS2001Z
89	AC2_RSTNA_ASD	53	12.0VDD	53	AC2_P2VNC_ASD_01
90	AC2_RSTNA_ASD	54	12.0VDD	54	PPS2001AA
91	AC2_RSTNA_ASD	55	12.0VDD	55	AC2_P2VNC_ASD_01
92	AC2_RSTNA_ASD	56	12.0VDD	56	PPS2001AB
93	AC2_RSTNA_ASD	57	12.0VDD	57	AC2_P2VNC_ASD_01
94	AC2_RSTNA_ASD	58	12.0VDD	58	PPS2001AC
95	AC2_RSTNA_ASD	59	12.0VDD	59	AC2_P2V

ACE SDCOUT:
(1) FCR:
Internal 50 20k ohm,
VIL=0.35V, VIH=0.65~3.3V
(2) ALC269:
VIL<0.35*3.3V, VIH>0.65*

ACE SHOUT is a signal used for Flash Descriptor security Override/KE debug mode
HIGH : get overridden, LOW : disable override



Main Source	1st PMS	2nd PMS	3rd PMS	4th
+VCCPWR	+VCC_WGT	+VPA_WGT		
AC_WAT_VPA	+1_V0V00	+VCCP0	+1_VV_VCCP0	
	+1_V2V			
	+VPA0	+VPA	+VPA_WC	
	+VPA000	+VPA000_P0R	+VCCP0A10	
	+VPA_SUM	+VPA		



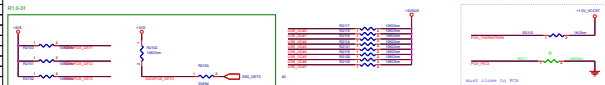
Main Board

[illegible][illegible]

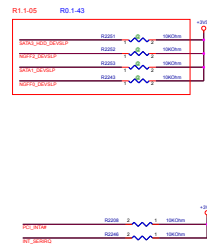
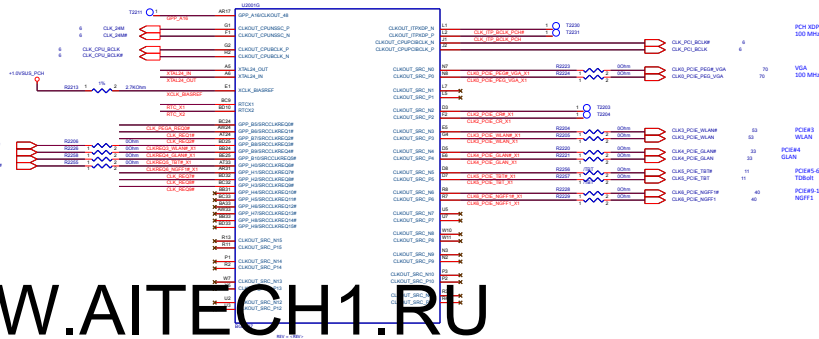
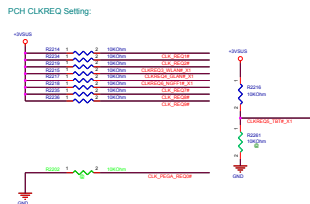
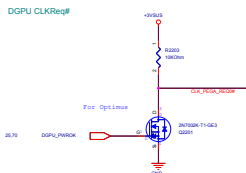
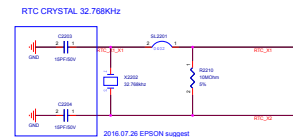
www.aitech1.ru

Figure 1: Schematic diagram of the proposed 1000-channel 100-Gbit/s optical interconnect. The diagram illustrates a multi-stage optical switching architecture. On the left, a 100x100 input switch (red) is connected to a 100x100 output switch (red). The central part consists of a series of 100x100 sub-switches (red) and a 100x100 sub-switch (red). The right part shows a 100x100 output switch (red) connected to a 100x100 output switch (red). The diagram is divided into two main sections: a top section for the 100x100 input switch and a bottom section for the 100x100 output switch. The top section is labeled '100x100 input switch' and the bottom section is labeled '100x100 output switch'. The diagram includes various components such as waveguides, couplers, and switches, all represented by red and blue lines. The diagram is labeled '1000-channel' and '100-Gbit/s'.

	Form	Function	Form
PCIE-01		PCI-E-13 (DATA-13)	CLANG-0 GPU
PCIE-02		PCI-E-14 (DATA-14)	CLANG-1
PCIE-03	MAIN	PCI-E-15 (DATA-15)	CLANG-2
PCIE-04	GLAN	PCI-E-16 (DATA-16) NIO	CLANG-3 WLAN
PCIE-05	TBT AR	PCI-E-17 (DATA-17)	CLANG-4 GLAN
PCIE-07	TBT AR	PCI-E-18 (DATA-18)	CLANG-5 TBT AR
PCIE-08	TBT AR	PCI-E-19 (DATA-19)	CLANG-6 PCI-E SSD
PCIE-09 (DATA-0A)	PCI-E SSD	PCI-E-20 (DATA-20)	CLANG-7
PCIE-10 (DATA-1A)	PCI-E SSD		CLANG-8
PCIE-11	PCI-E SSD		CLANG-9
PCIE-12	PCI-E SSD		CLANG-10-15



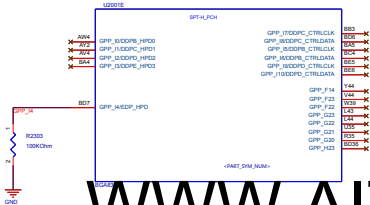
VINAFIX.COM



Main Board

Main Board

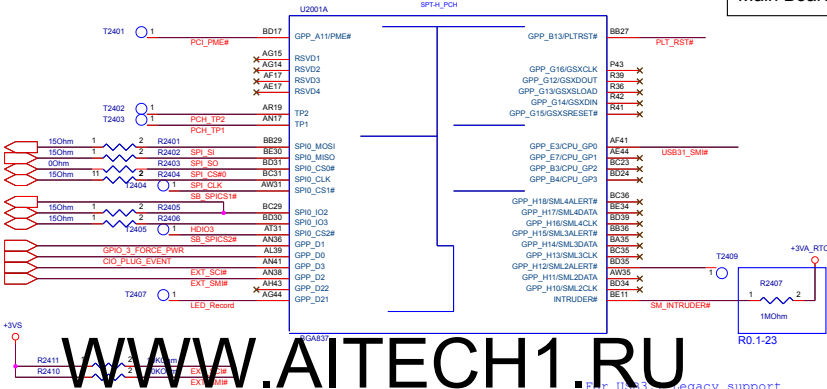
HFD0 to DP
HFD1 to HDMI
HFD2 to TBT
HFD3 to VGA
HFD4 to EDP Panel



WWW.AITECH1.RU

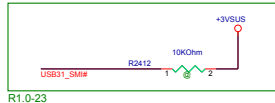
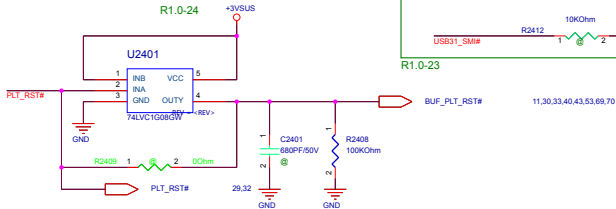
REV = <REV>

Main Board

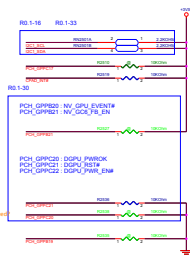


WWW.AITECH1.RU

- For USB3.1 Legacy support



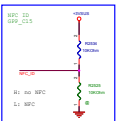
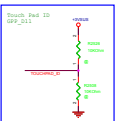
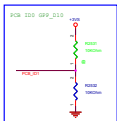
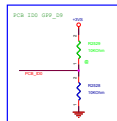
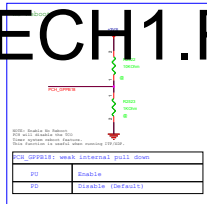
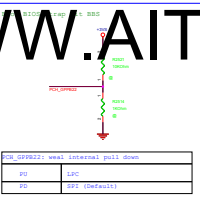
Main Board

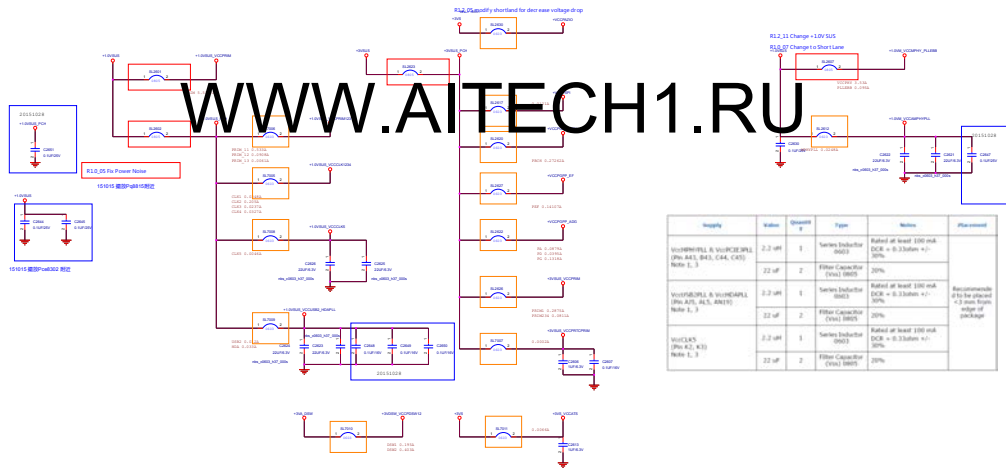
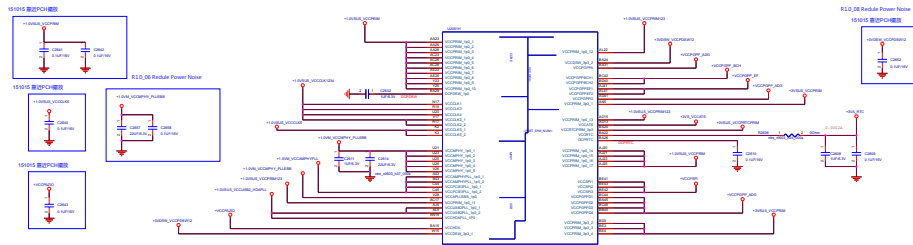


Outboard Memory PCB-ID:
 GFA_16 => 0.00000000
 GFA_18 => 0.00000000
 GFA_20 => 0.00000000

	Micro (R0B)	Micro (R0B)			
0000_0000	L	L			
0000_0001	L	L			
0000_0002	L	L			

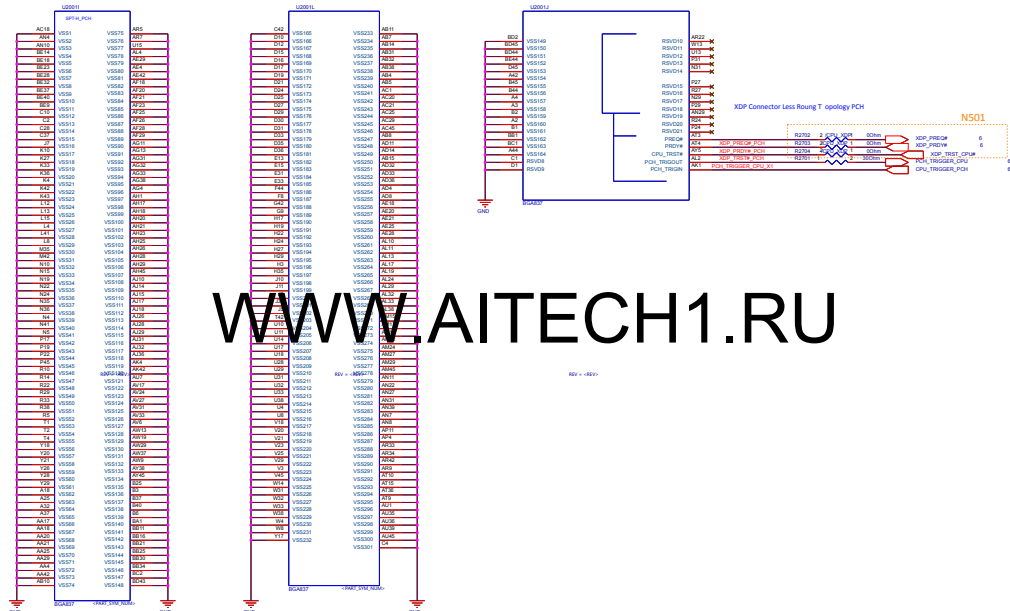
WWW.AITECH1.RU



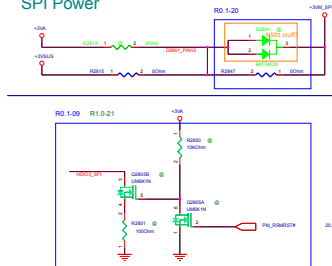


Supply	Value	Quantity	Type	Notes	File record
VOUGR001A & VOUGR001B (see A43, B43, C44, C45) Note 1, 3	2.2 uF	1	Series Inductor (D001)	Rated at least 100 mW DCR = 0.3 (tolerance +/- 10%)	
	22 uF	2	Filter Capacitor (C001)	20%	
VOUGR001A & VOUGR001B (see A43, B43, B0015)	2.2 uF	1	Series Inductor (D001)	Rated at least 100 mW DCR = 0.3 (tolerance +/- 10%)	Recommendation to be on the edge of package
	22 uF	2	Filter Capacitor (C001) B0005	20%	
VOUGL05 (see A42, K3)	2.2 uF	3	Series Inductor (D001)	Rated at least 100 mW DCR = 0.3 (tolerance +/- 10%)	
Note 1, 3	22 uF	2	Filter Capacitor (C001) B0005	20%	

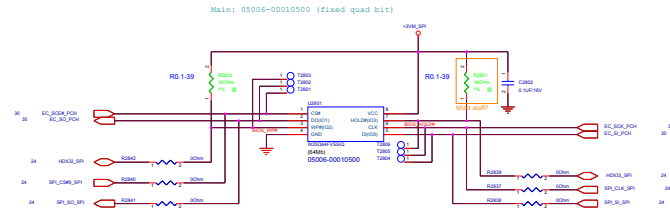
Main Board



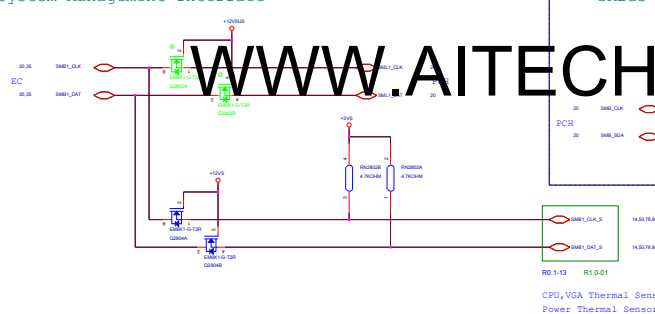
SPI Power



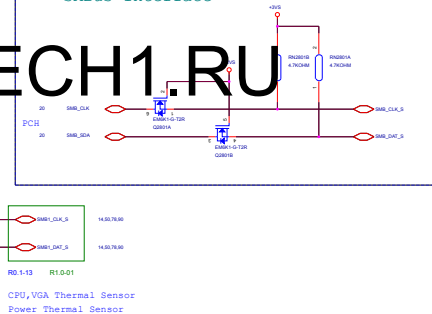
1st SPI ROM



System Management Interface

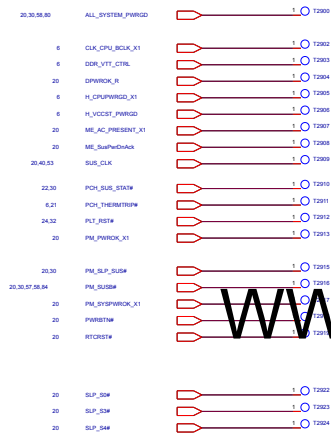


SMBus Interface



WWW.AITECH1.RU

VL1.0-09

WWW.AITECH1.RU

```
Only 3V Torrence
GPR[0,1,2,3,4,5,6]
GPC[3,4,5,6,7]
GPD[0,4,6,7]
GPE[4]
GPF[6,7]
GPN[7]
GPI [0 : 7]
GPJ[0:7]
```

Can be adjusted to
Open-Drain for port:

GPAD-GPA3
GPRD-GPR7
GPD0-GPD7
GPRE-GPRE7
GPF0-GPF7
GPH0-GPH6
GPJ0-GPJ3

EC Require

ITE Version	ASUS P/N
IT8995VG-128/CX	06037-00050600

N key

2016.03.21 N key Design

2025.08.21 EDC Modified

For EMI

For ENI 2018-08-23 ENI Rev44fy

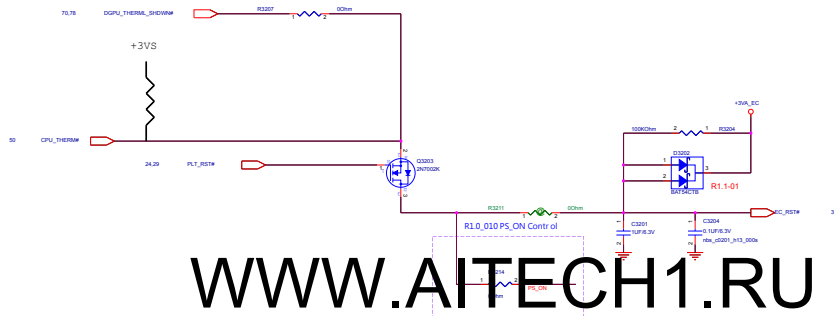
R1.0-34

R1.0-25 R1.0-38 To CC logic at p49

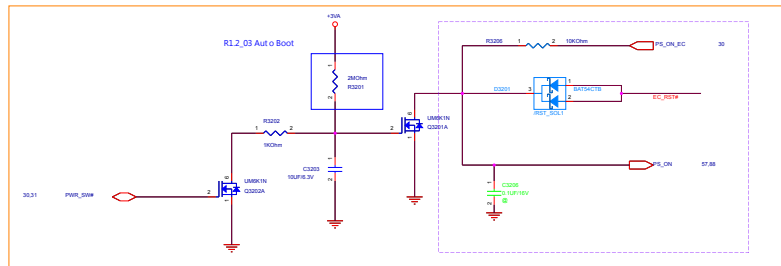
p43

Reset Circuit

Pull up +3VSG through R7507 (10kOhm=>100kOhm)
When +3VSG ready, R7507 (10kOhm) and R5006 (7.5kOhm) will be in parallel.
The CPU temperature point is protected ahead of time.
Increasing R7507 value can reduce to affect R5006.



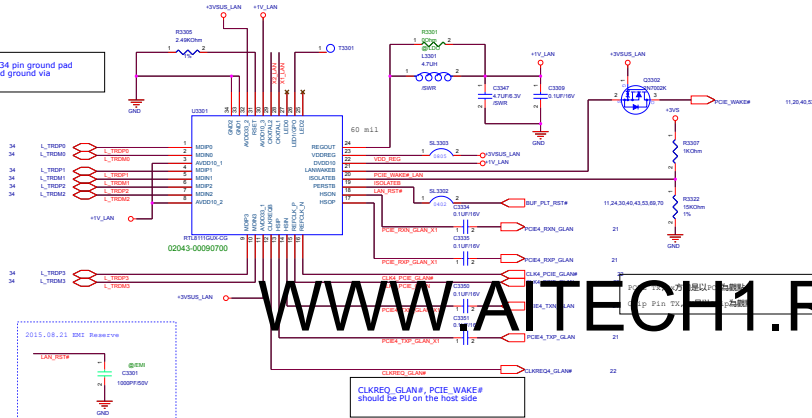
Battery embedded (press pwr_sw 10sec, then reset ec)



Main Board

The distance from U3301.24 to L3301 within 200 mil.
The distance from L3301 to C3347 within 200 mil.

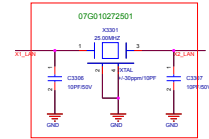
33/34 pin ground pad
need ground via



CLKREQ_GLAN#, PCIE_WAKE#
should be PU on the host side

C3348, C3310 close to pin 23 reserved for SWR mode

R1.2_15 TXC Suggest

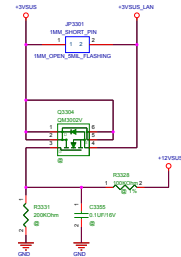


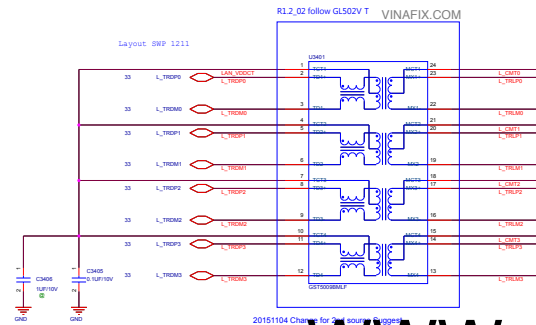
X3301: 25MHZ +/-30ppm/10pF (3225)

1st: P/N:07G010272501 TXC/7V2500001 1

2nd: P/N:07G010952500 HOSONIC/E3FB25

Realtek suggests 3V_LAN raise time >1ms





LAN Connector

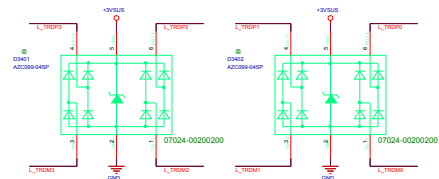


J3402 LAN Jack

1st Source: PIN:12014-00161700 FOXCONN/JM361 1-NS640003-7H

2nd Source: PIN:12014-00035500 SINGA TRON/ZRJ1648-000111F

WWW.AITECH1.RU



D3401,D3402 ESD Diode

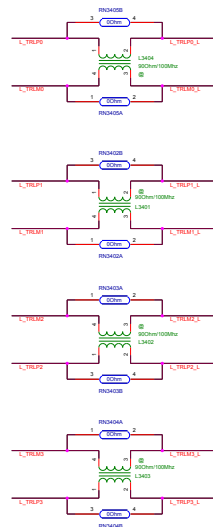
1st Source: PIN:07024-00200200 AMAZING/AZC099-04SP .R7G

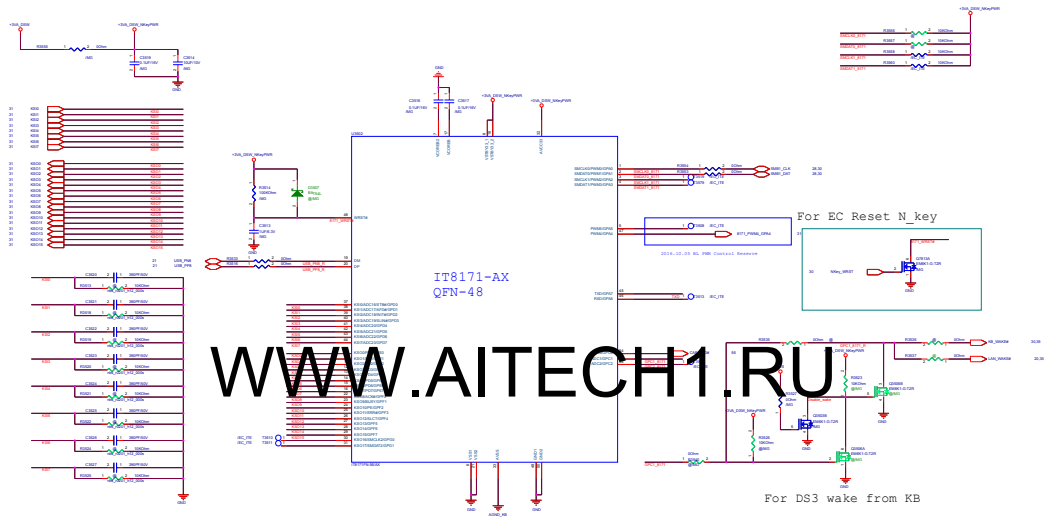
2nd Source: PIN:07024-00710000 NXP/PUSB2K4D



GND_LAN_T 上禁止加任何零件

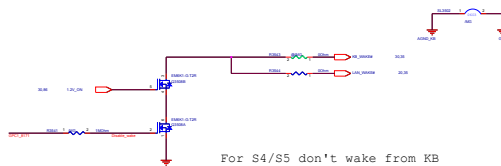
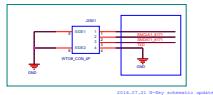
2012/2/16 EMI

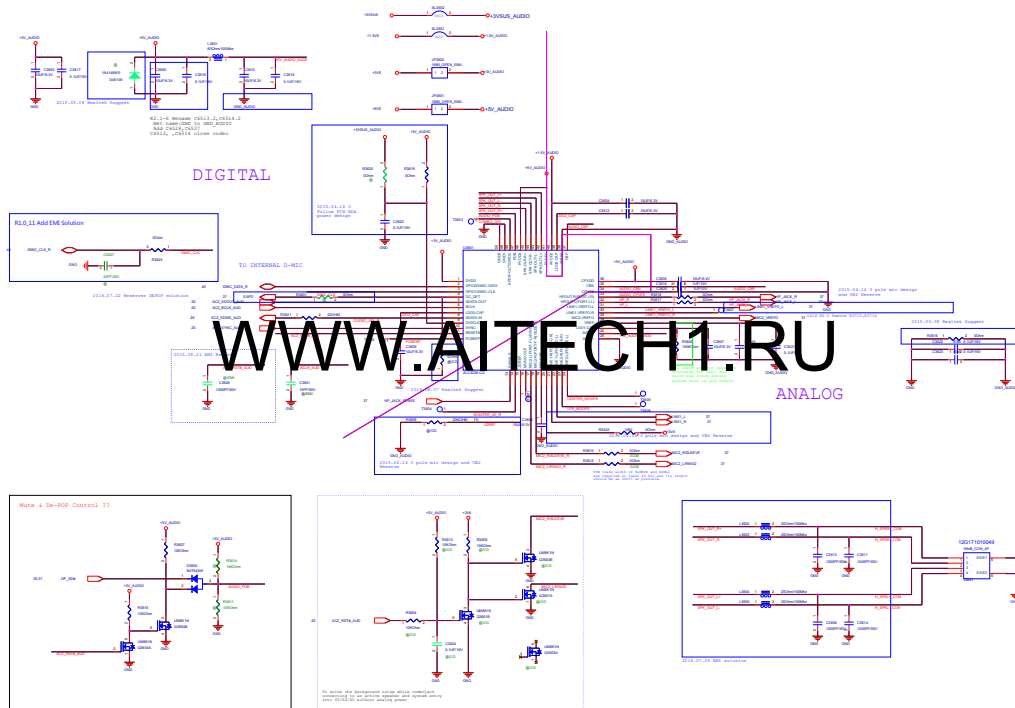




WWW.AITECH1.RU

ITE 8171 debug con

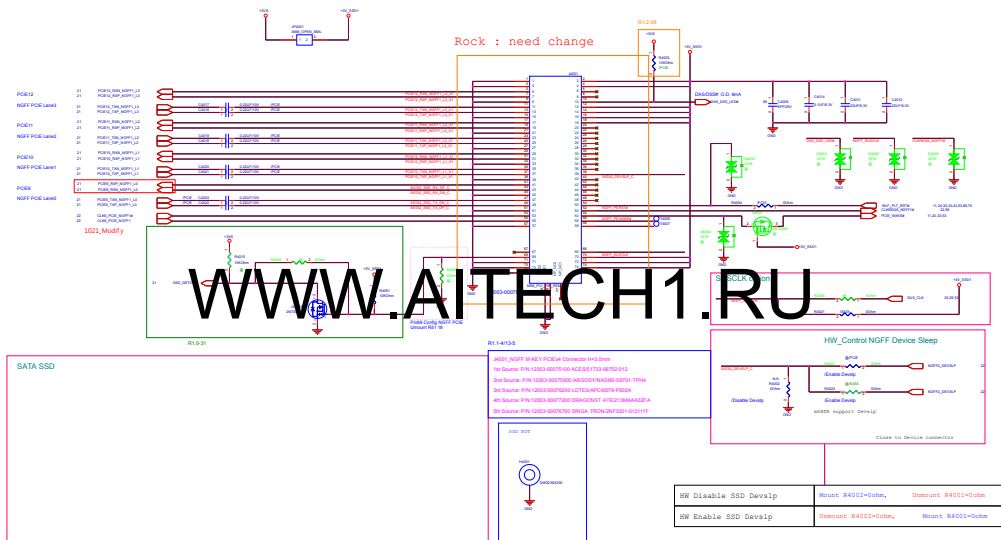




HP & MIC Connector

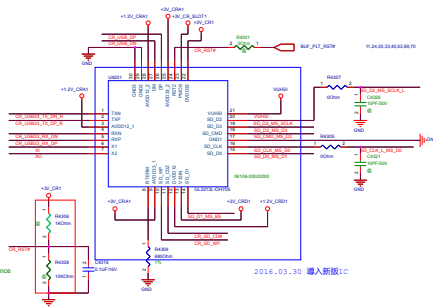
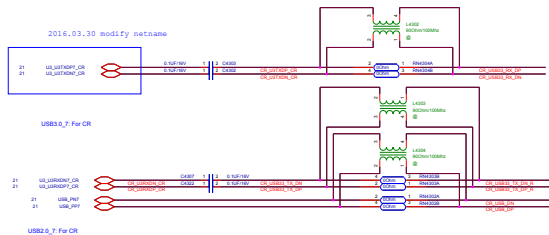


NGFF_SSD

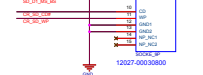
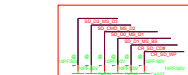
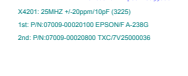
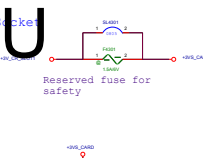
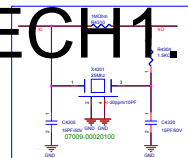
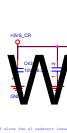
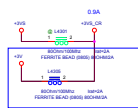


CR I/O Conn. (MB)

Main Board

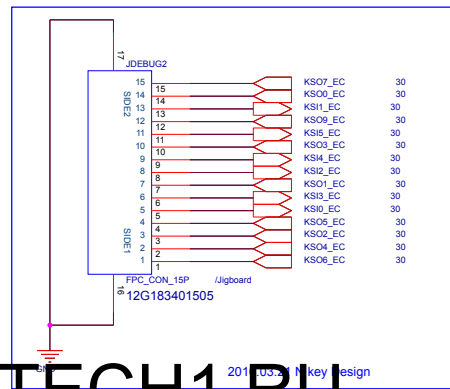
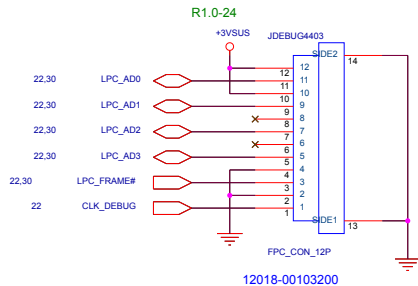


CardReader PWR

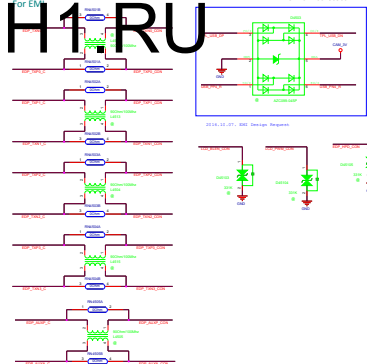
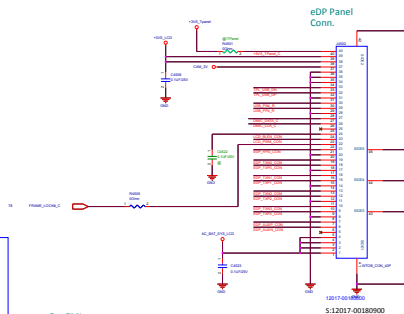
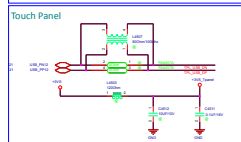
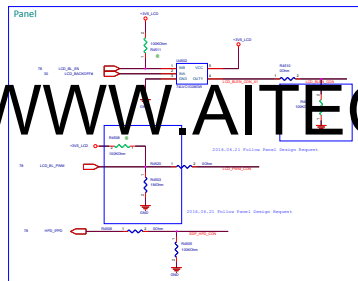
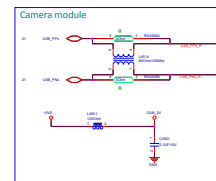
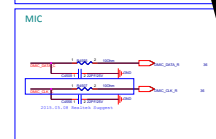
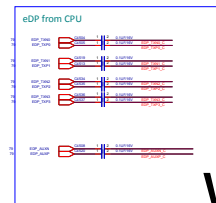
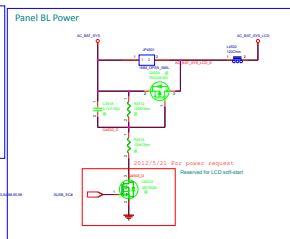
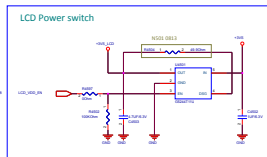


WWW.AITECH1.RU

LPC Debug Port

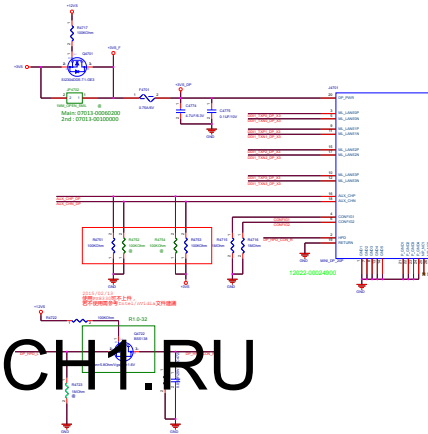
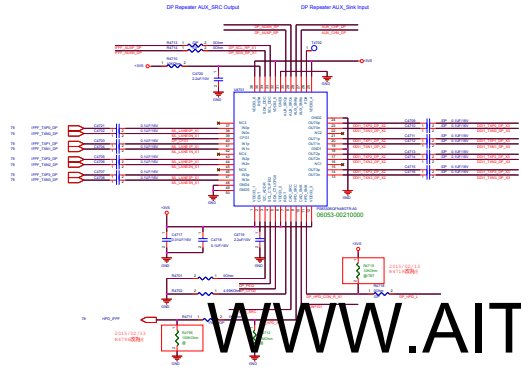


WWW.AITECH1.RU



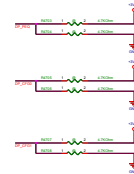
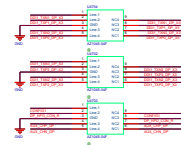
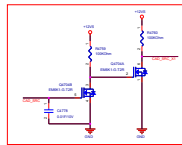
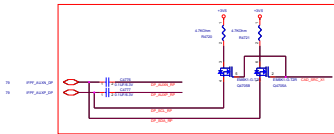
WWW.AITECH1.RU

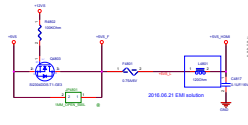
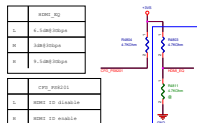
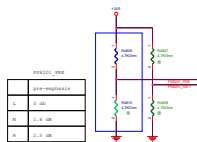
DP Repeater_PS8330B



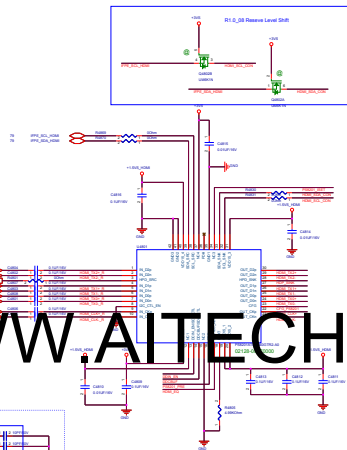
R2.0_3D reference Parade Design Circuit PS8330B

Fix MiniDP to HDMI Dongle No Display Issue

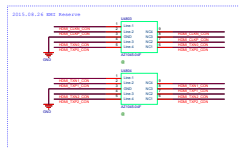
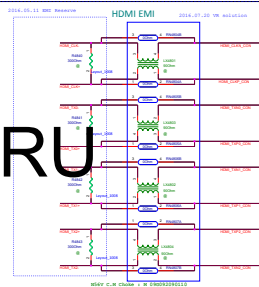
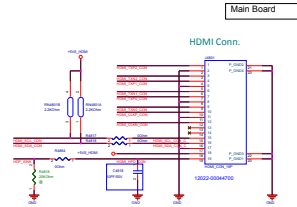
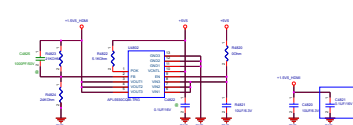


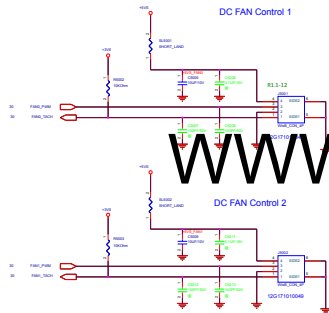
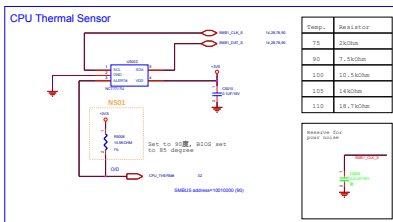


HDMI Active-Level Shift

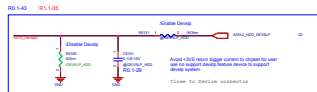
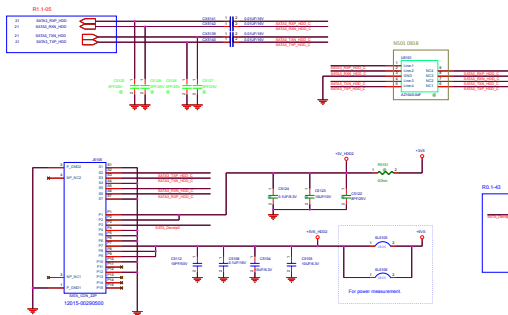


HDMI LDO 1.5V S



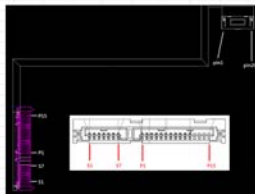


WWW.AITECH1.RU



WWW.AITECH1.RU

SATA Connector		
Pin	Signal	Notes
P15	NC	
P16	NC	
P17	NC	
P18	Ground	
P19	NC	
P20	Ground	
P1	+5V	power
P2	+5V	
P3	+5V	
P4	Ground	
P5	Ground	
P6	Ground	
P7	Ground	
P8	Ground	
P9	Develop	Impedance 50Ω
P10	+5V	power
P11	+5V	
P12	Ground	
P13	Ground	
P14	Ground	
P15	Ground	
P16	Ground	
P17	Ground	
P18	Ground	
P19	Ground	
P20	Ground	



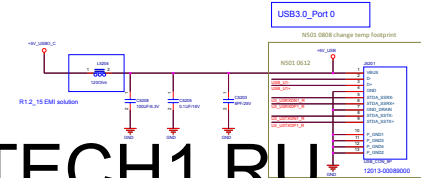
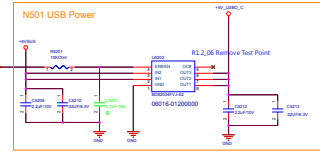
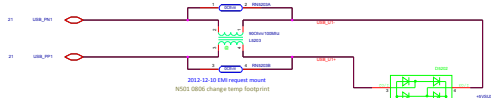
SATA Connector		
Pin	Signal	Notes
P1	NC	
P2	NC	
P3	+5V	power
P4	+5V	
P5	+5V	
P6	+5V	
P7	NC	
P8	Ground	
P9	Develop	Impedance 50Ω
P10	NC	
P11	+5V	power
P12	+5V	
P13	NC	
P14	Ground	
P15	SATA_RX_P	Differential Pairs, Impedance 85Ω
P16	SATA_RX_N	Differential Pairs, Impedance 85Ω
P17	Ground	
P18	SATA_TX_P	Differential Pairs, Impedance 85Ω
P19	SATA_TX_N	Differential Pairs, Impedance 85Ω
P20	Ground	

USB3.0 EMI-Protection

12/10/25
L5301, L5302, L5307, L5308
DS90C03D0400



USB2.0 EMI-Protection

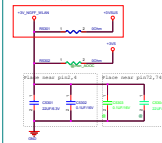


WWW.AITECH1.RU

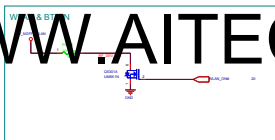
NGFF M.2 TYPE E-KEY WIFI



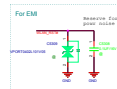
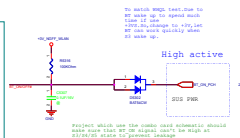
RELAY FROM LG + JVC2000



J5301_NIGFF E-KEY WLAN Connector H=2.5mm

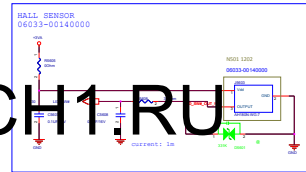
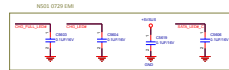
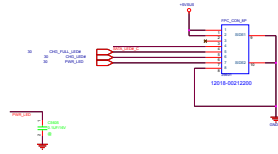
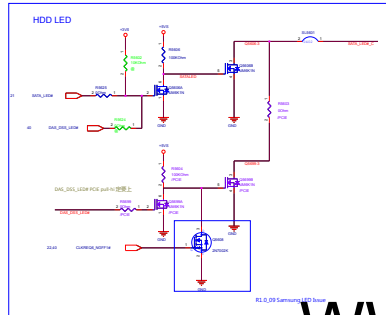


WLAN Wake# Control



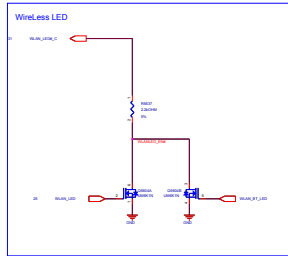
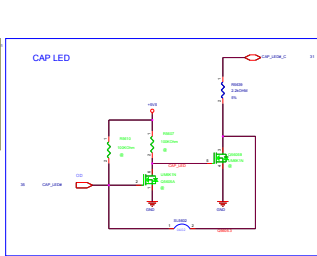
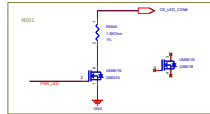
WWW.AITECH1.RU

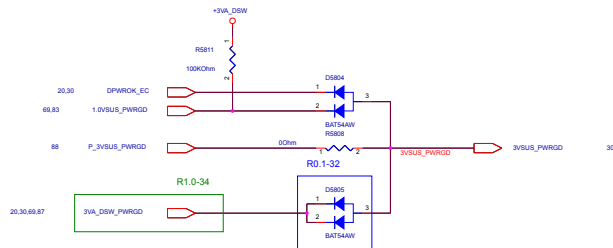
[illegible]



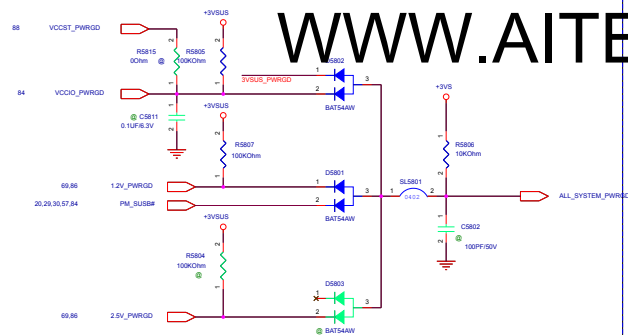
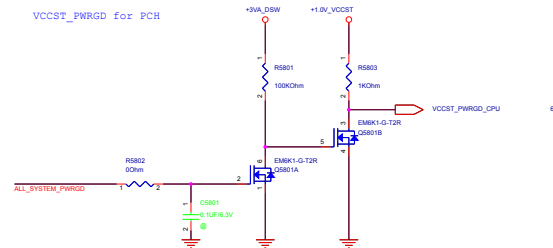
WWW.AITECH1.RU

OS LED



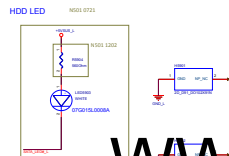
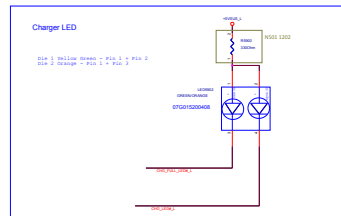
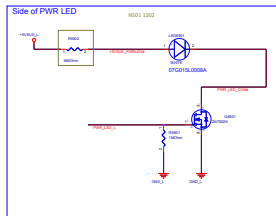
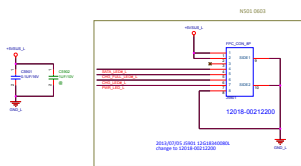


VCCST_PWRGD for PCH

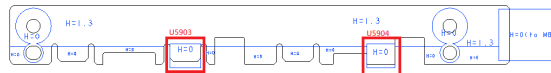
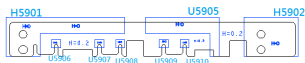


20,29,30,80

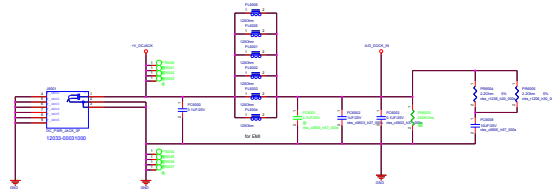
WWW.AITECH1.RU



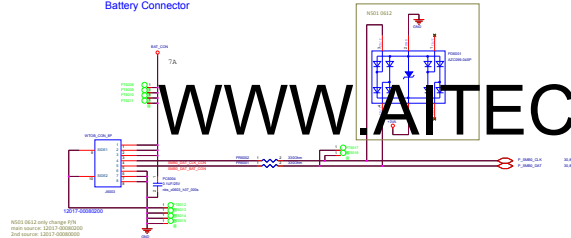
WWW.AITECH1.RU



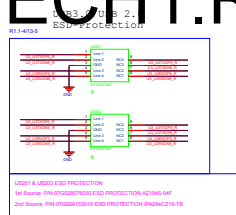
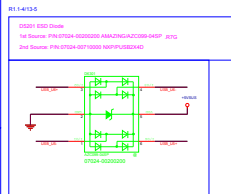
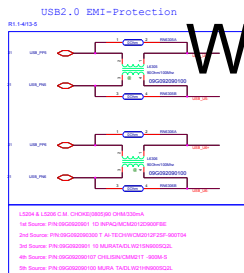
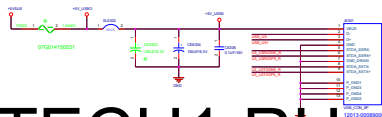
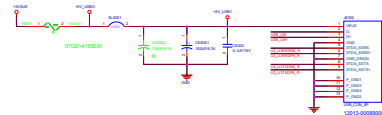
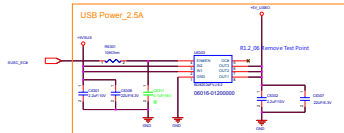
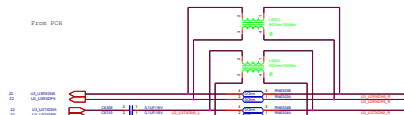
DC-IN Connector

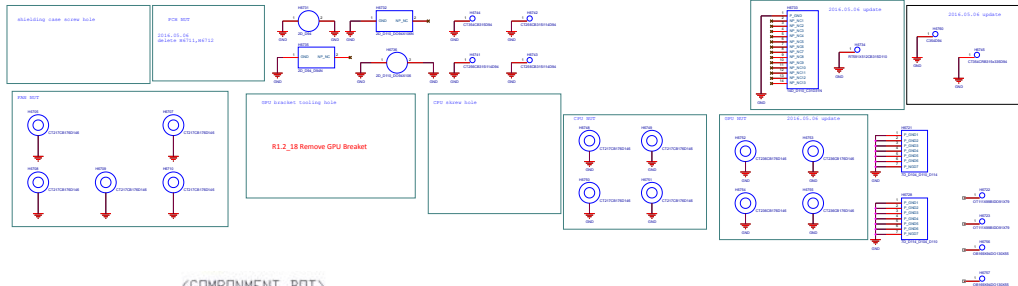


Battery Connector



WWW.AITECH1.RU

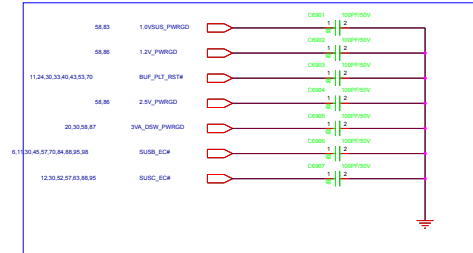
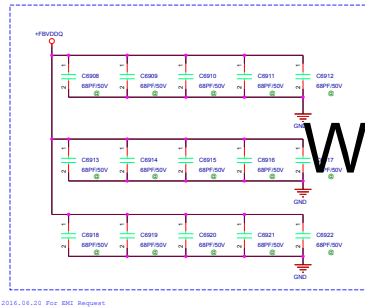
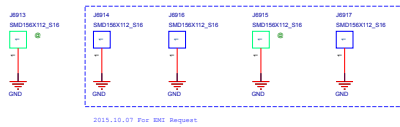




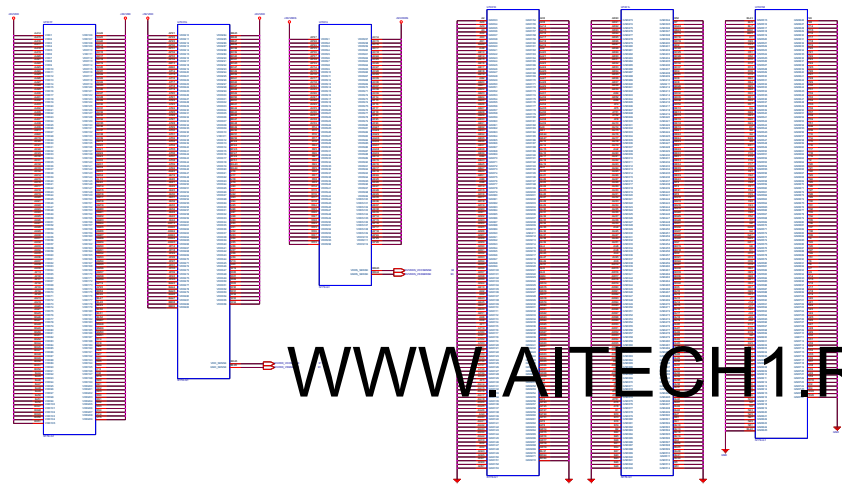
<COMPONENT BOT>

WWW.AITECH1.RU

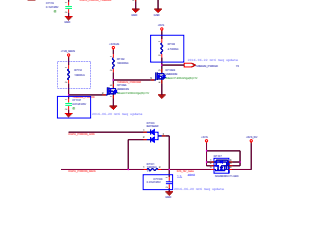
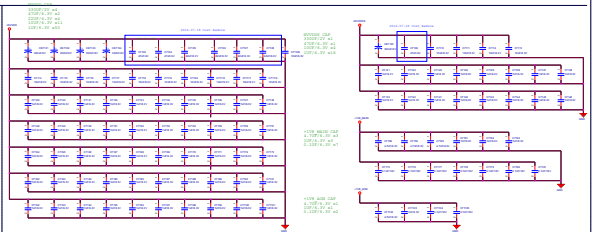
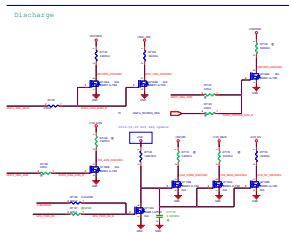
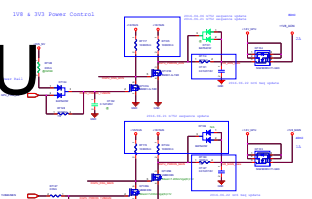
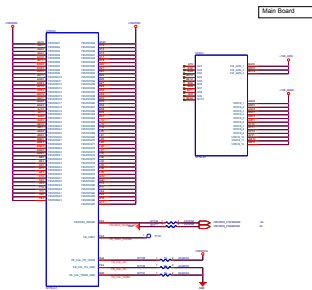
R1.2_17 EMI Reserve 100pf to Gnd

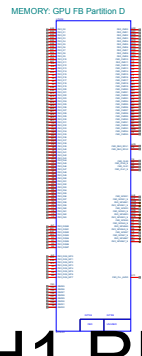
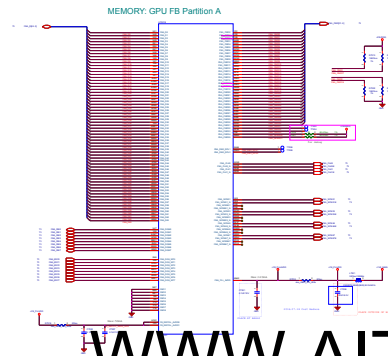


WWW.AITECH1.RU

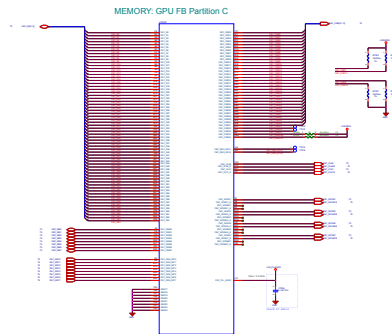
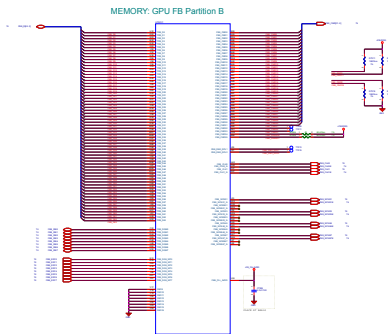


WWW.AITECH1.RU



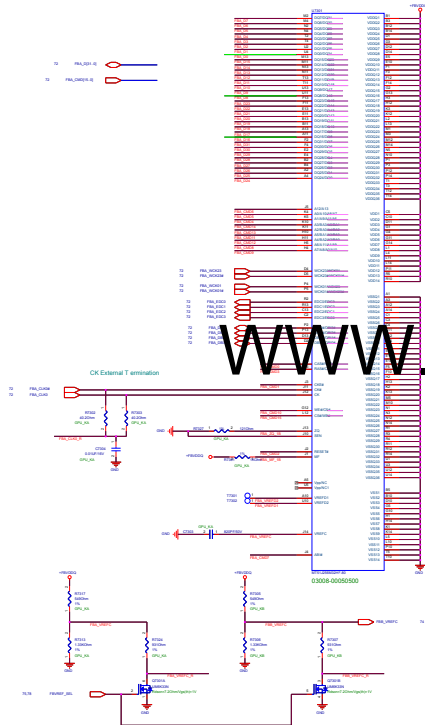


WWW.AITECH1.RU



FBA Partition Memory (1 of 2)

MF=1 Mirror



FBA Partition Memory (2 of 2)

MF=0 Normal



R1-3-63 R1-2-25

USE GDSR FROM 128MB x 32 (512MB)

1st PIN:0308-00050101 HYUNDAI H541325FC-HC33 (8-dw) Strip: 1 x2

2nd PIN:0308-00050100 SAMSUNG H541325FC-HC33 (8-dw) Strip: 0x3

3rd PIN:0308-00050400 Micron EDW4325ABG-80-F (8-dw) Strip: 0x4

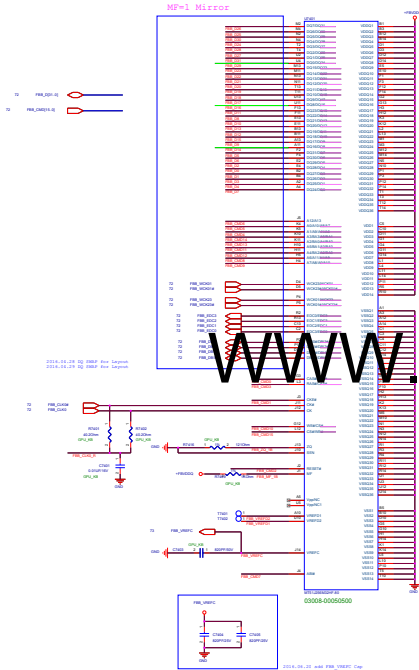
GDS MODE SELECTION

MODE	MF	MD1	MD2
0x0	0	0	0
0x1	0	0	1
0x2	0	1	0
0x3	0	1	1
0x4	1	0	0
0x5	1	0	1
0x6	1	1	0
0x7	1	1	1

Main Board

WWW.AITECH1.RU

FBB Partition Memory (1 of 2)



FBB Partition Memory (2 of 2)



R1.3-02 R1.2-25

USE GDDR5 VRAM 128Mb x 32 (512MB)

1st: P/N:03008-00030-100 HYUNDAI5GC4H24MFR-T2C (M-die) ,Strap: 0 x2

2nd: P/N:03008-0000200 SAMSUNG/K4G41325FC-HC03 ,Strap: 0x3

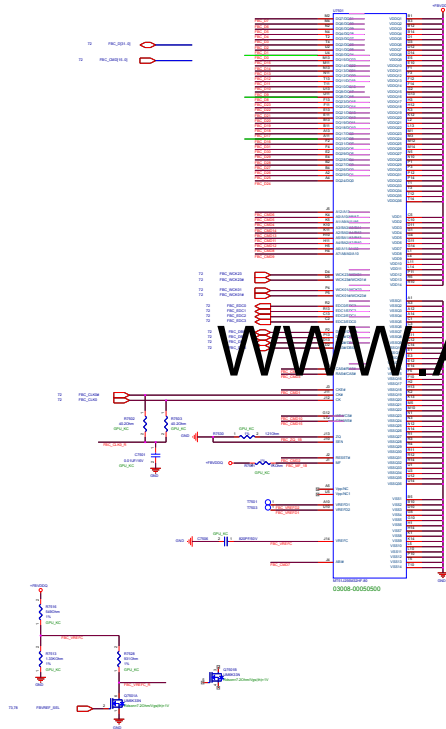
3rd: P/N:03008-00030400 MicronEDW4032BAG-60-F (B-die) ,Strap: 0x

GDD5 MODE SELECTION

MODE	MF	SM1	SM2
40	0	0	0000
42	0	0000	0000
43 (normal)	0000	0000	0
43 (normal)	0000	0000	0000

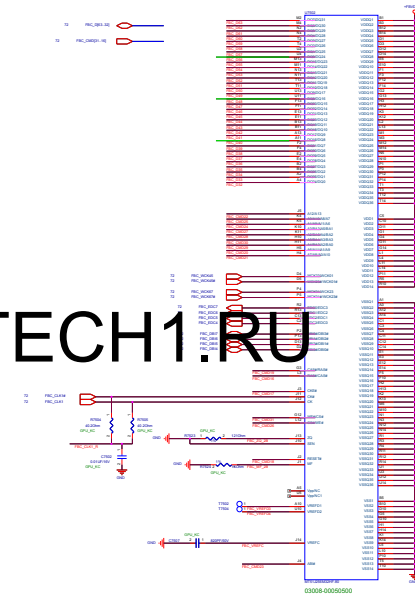
FBC Partition Memory (1 of 2)

MF=1 Mirror



FBC Partition Memory (2 of 2)

MF=0 Normal



Main Board

WWW.AITECH1.RU

R1-3-02 R1-3-25

USE GEORGES VDMA 03008 x 32 (512MB)

1st: P/N 03008-0000100 HYPERMAGNETIC-40MFR-T2C (3M-dm) (Step: 0-10)

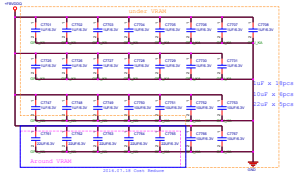
2nd: P/N 03008-0000100 SAMSUNG-K4H4132PC-HC03 (3M-dm) (Step: 0-10)

3rd: P/N 03008-0000100 Micron-D9W432BAG-03-F (3M-dm) (Step: 0-10)

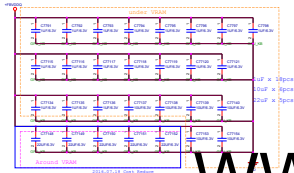
GDD5 MODE SELECTION

MODE	MF	SW1	SW2
00	0	0	0000
01	0	0	0001
02	0	0	0010
03	0	0	0011
04	0	0	0100
05	0	0	0101
06	0	0	0110
07	0	0	0111
08	0	0	1000
09	0	0	1001
10	0	0	1010
11	0	0	1011
12	0	0	1100
13	0	0	1101
14	0	0	1110
15	0	0	1111

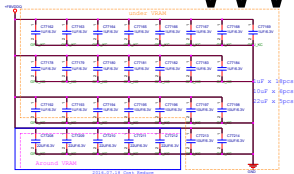
Channel A



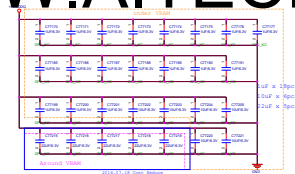
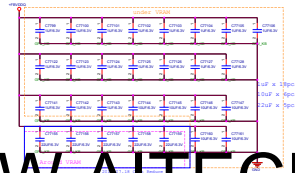
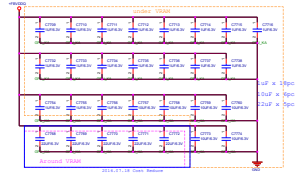
Channel B



Channel C

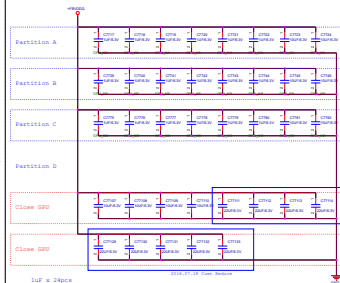


Channel D

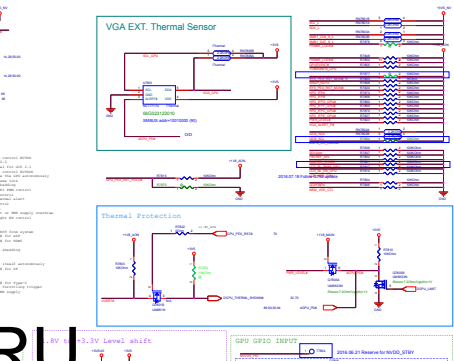
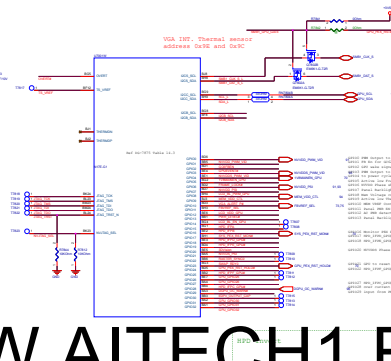
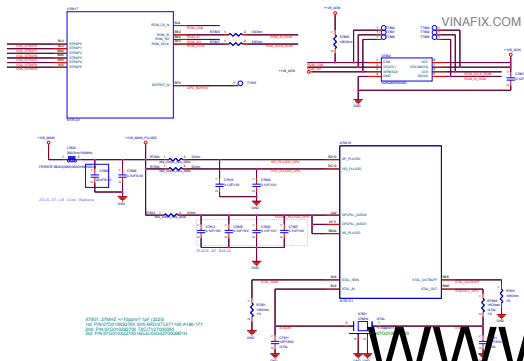


VRAM PWR_FBVDQ

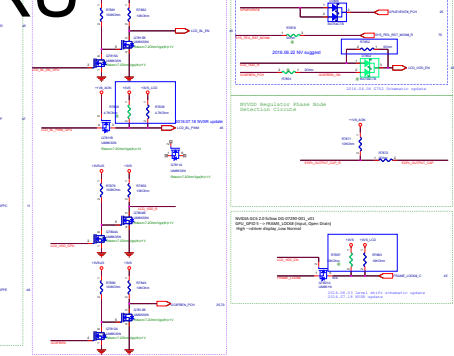
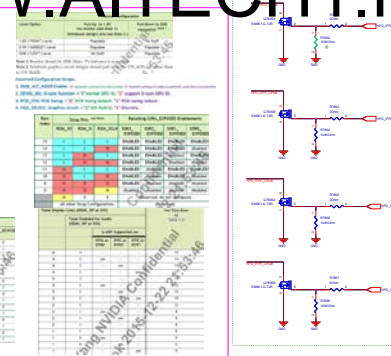
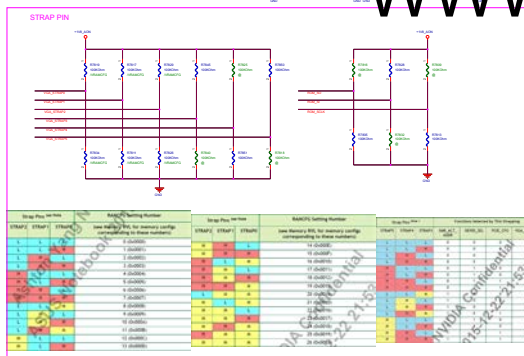
Main Board

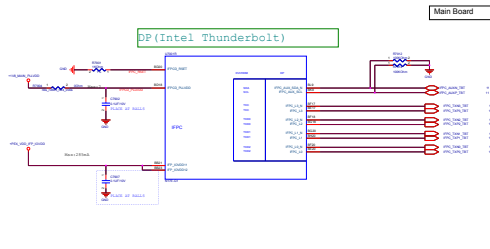
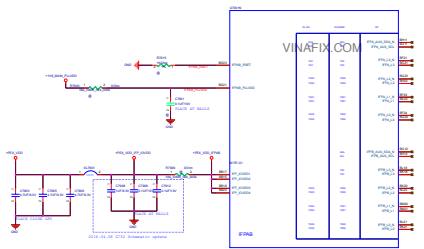


WWW.AITECH1.RU

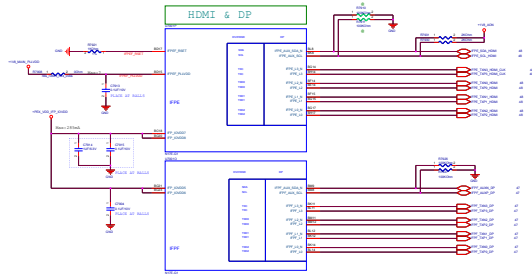
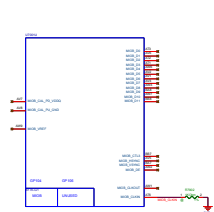
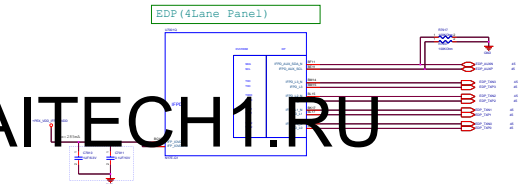
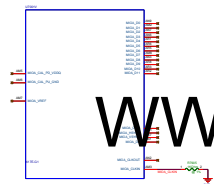


WWW.AITECH1.RU





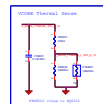
WWW.AITECH1.RU



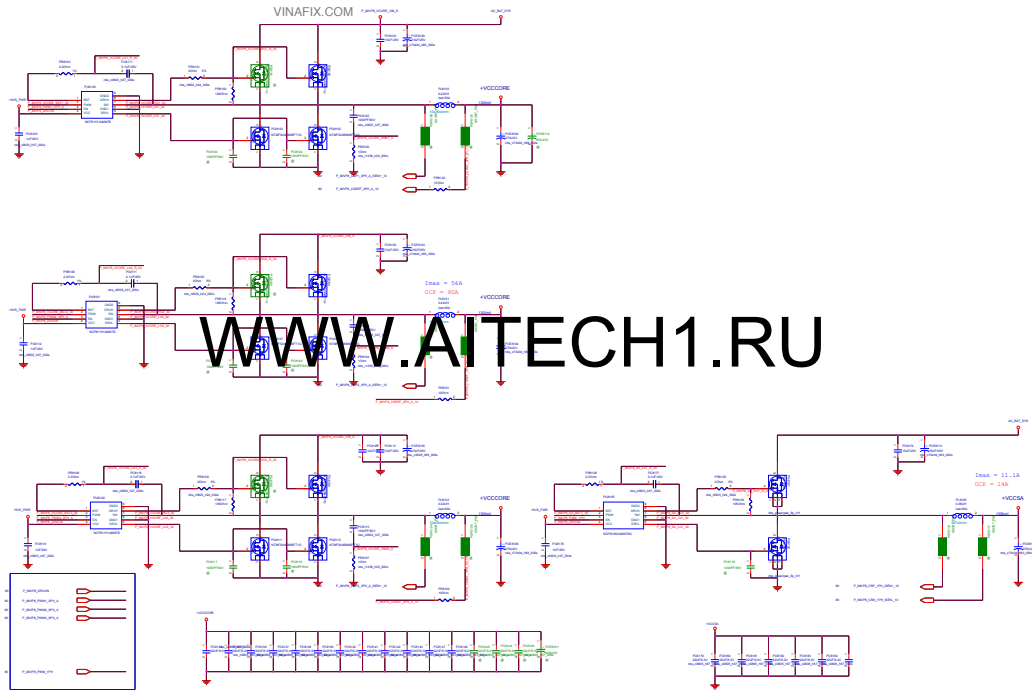
15.2.3 Unconnected Signals (NC)
The following guidelines apply to unused MIO pins:
► Power up all I/O pins
► Leave MIO data pins and clock pins floating

VINAFIX.COM

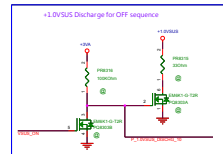
WWW.AITECH1.RU



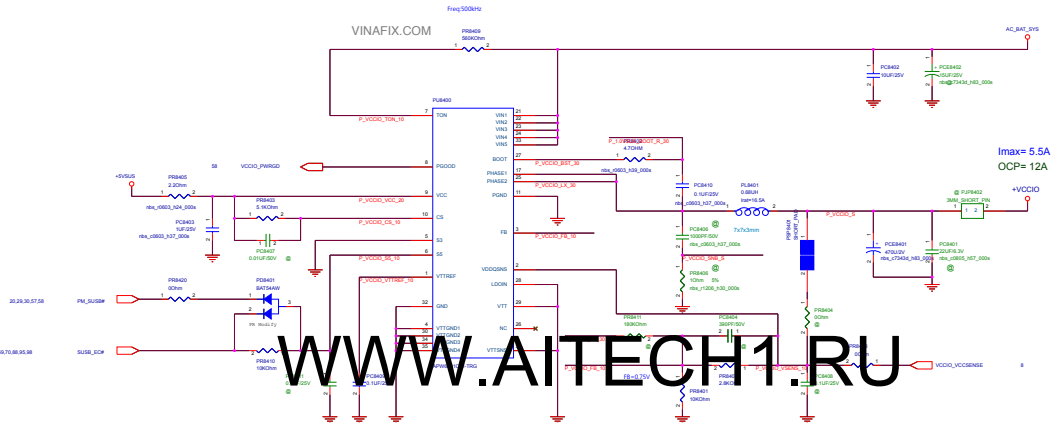
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100



VINAFIX.COM

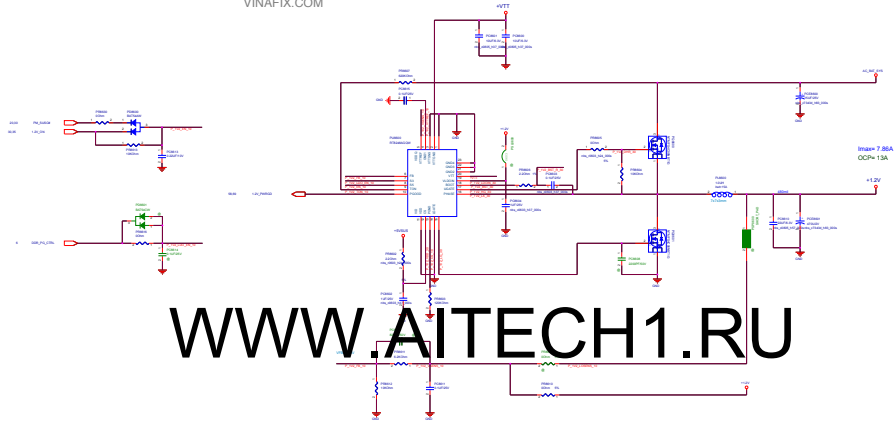


VINAFIX.COM

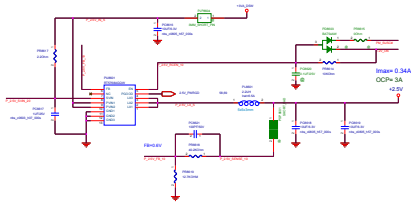


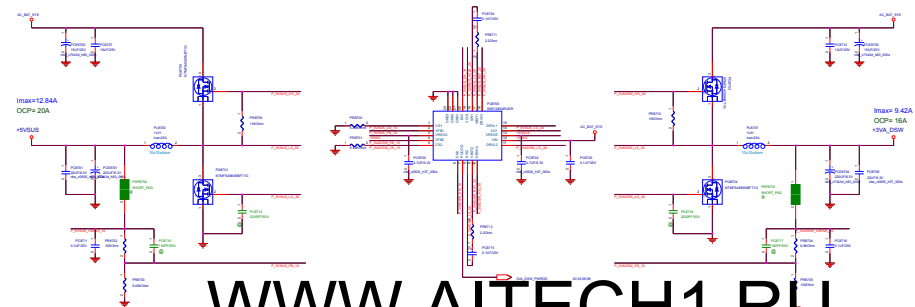
www.AITECH1.RU

VINAFIX.COM
+1.2V / +VTT / +2.5V[For Memory]

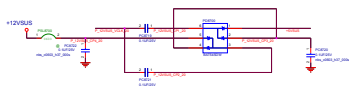


WWW.AITECH1.RU

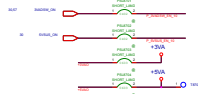




WWW.AITECH1.RU



Check 警告事項 +12VSUS 入力 正極の接地部は必ず10V以上



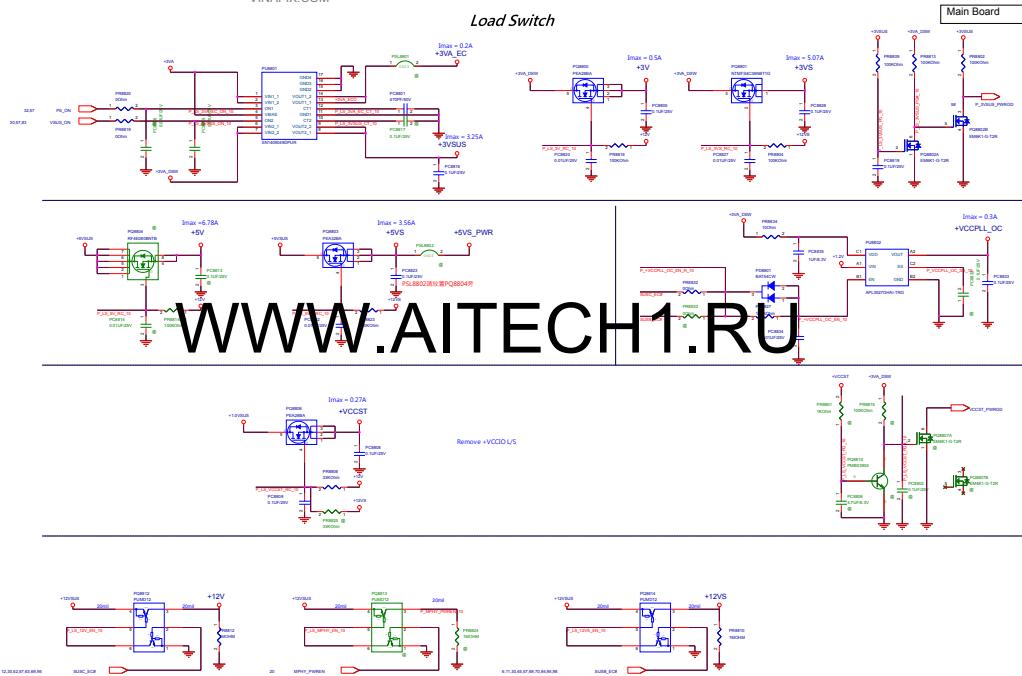
Adapter Mode (BYP)

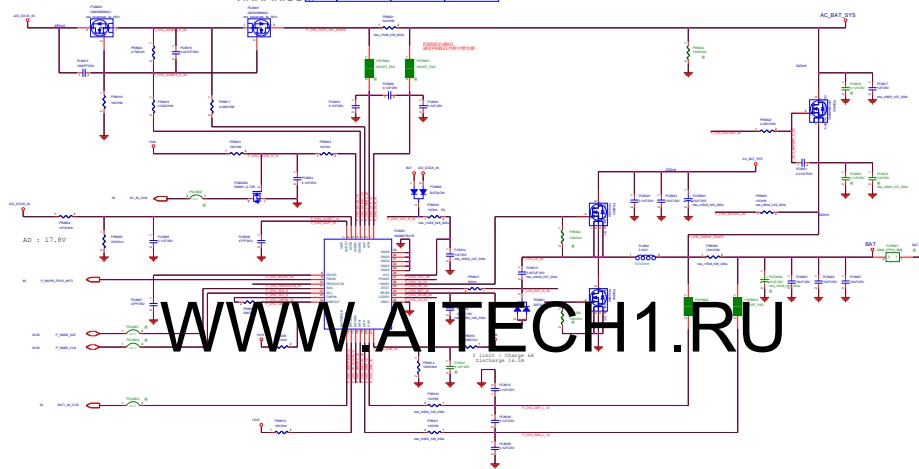
Pin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Pin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

Battery Mode (BYP)

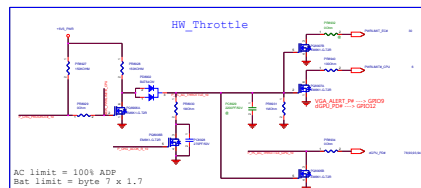
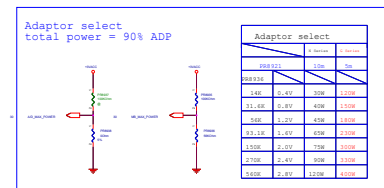
Pin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Pin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100







WWW.AITECH1.RU

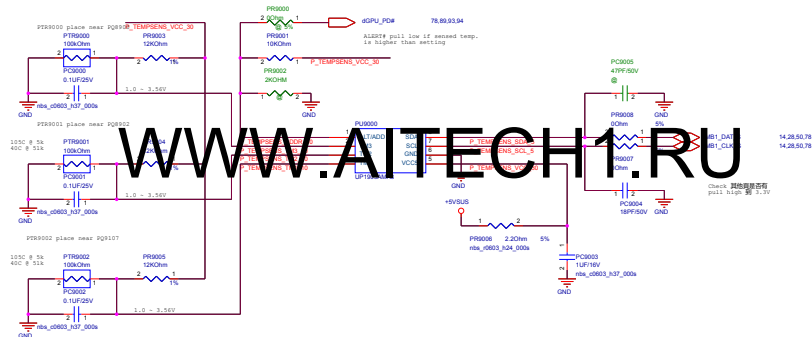


Address	0x7E	0x7C	0x7A	0x78	0x76	0x74	0x72	0x70
PR0001	10k	1.5k	2k	3.6k	3.9k	4.3k	5.1k	6k
PR0002	Open	8.2k	6.2k	6.8k	4.7k	3.6k	2.7k	2k

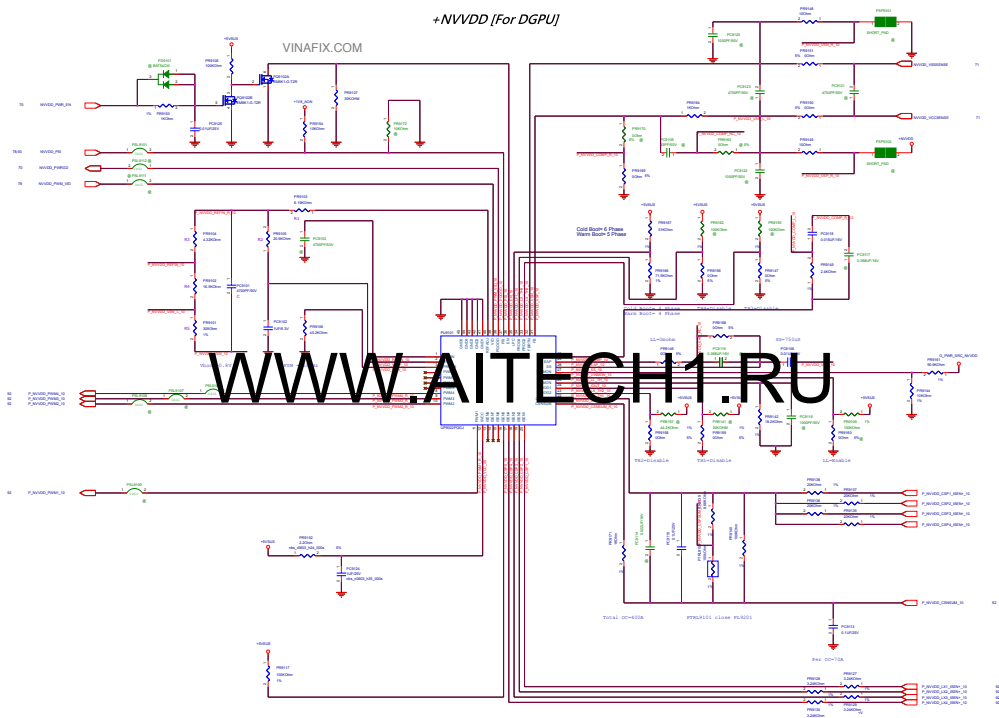
TECHNICAL

Address	0x00	0x01	0x02	0x03	0x04	0x05	0x06
R/W	W	W	W	R	R	R	R
Function	Temp. alert threshold setting			Sensed temp. data			bit 4 = 0 bit 5 = 0 bit 6 = 0 When ALERT# assert

14 29 50 79

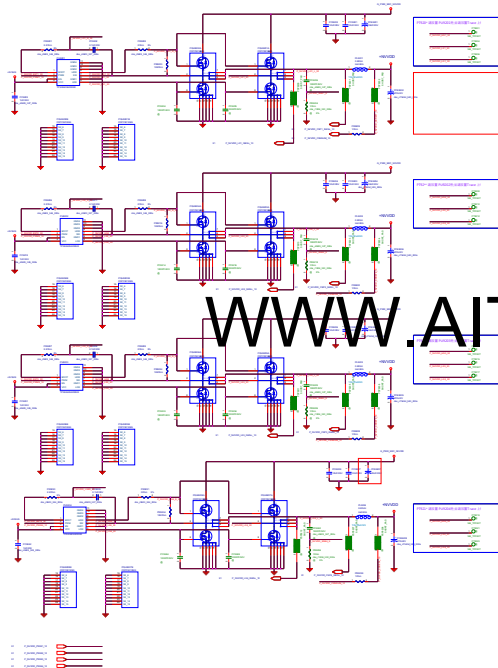


+NVVDD [For DGPU]



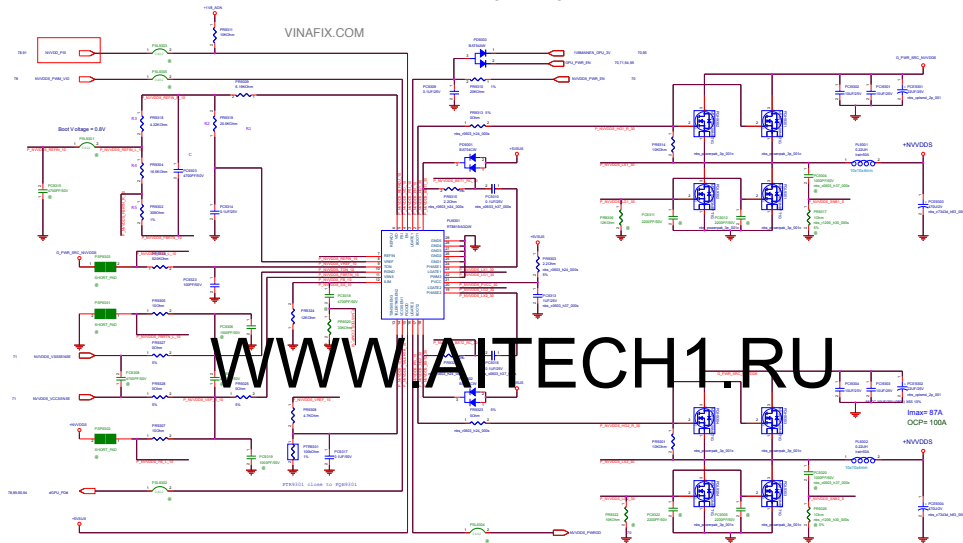
+NVVDD [For DGPU]

VINAFIX.COM



WWW.AITECH1.RU

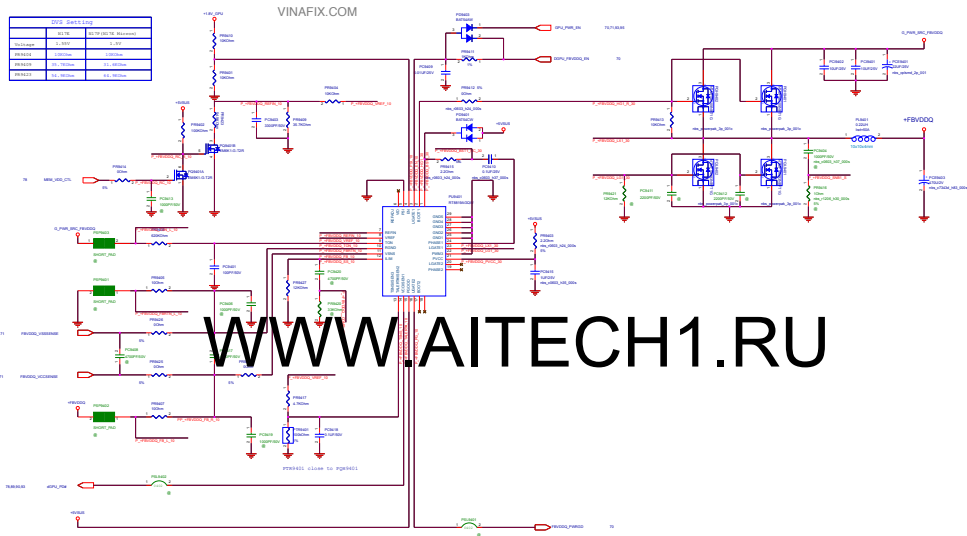
+NVVDDS [For DGPU]

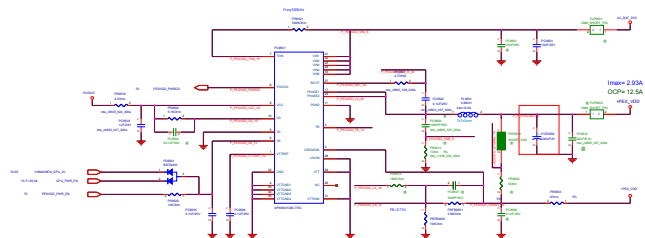


PT5027 集成器 PUS002 集成器 集成器 集成器



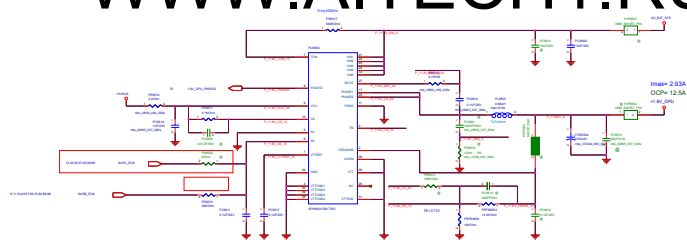
+FBVDDQ [For VRAM]



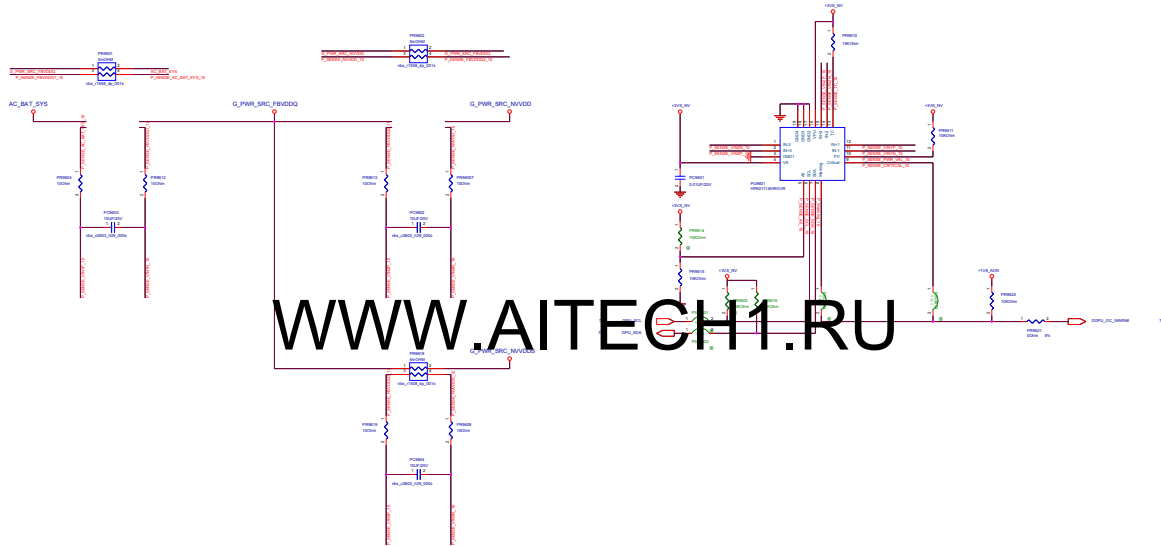


U10000000	U10000000_0000
U10000000	U10000000_0000
U10000000	U10000000_0000
U10000000	U10000000_0000

WWW.AITECH1.RU



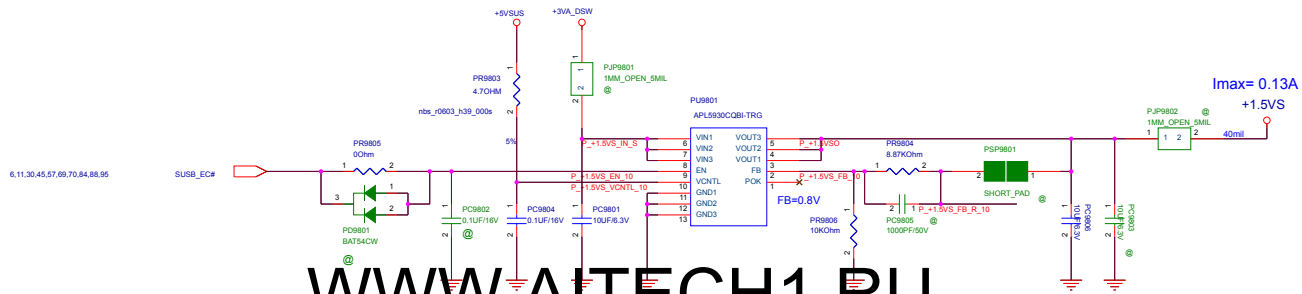
U10000000	U10000000_0000
U10000000	U10000000_0000
U10000000	U10000000_0000
U10000000	U10000000_0000



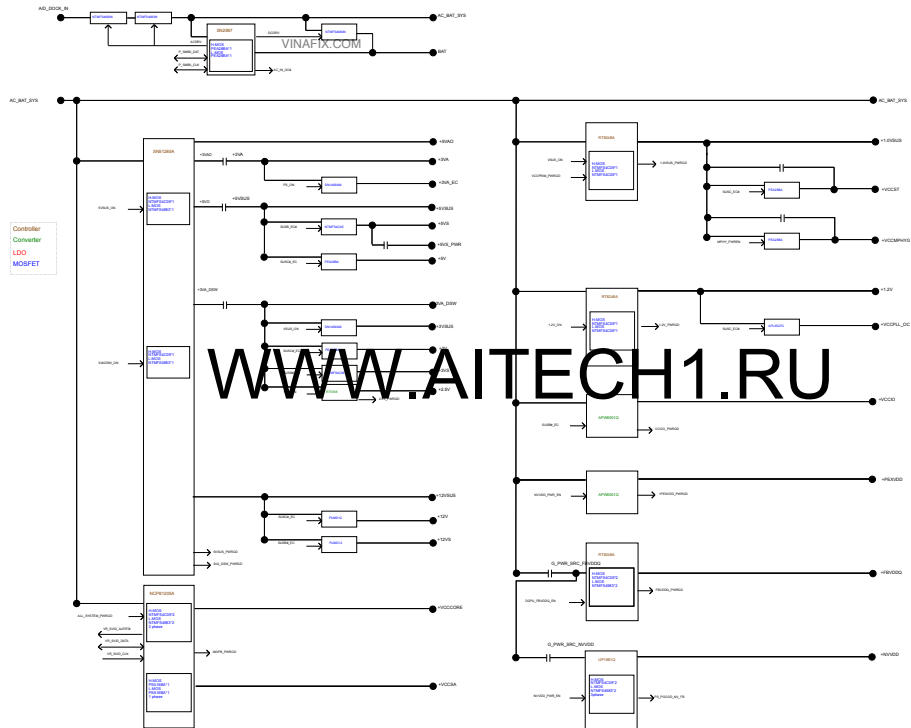
WWW.AITECH1.RU

+1.5VS

VINAFIX.COM

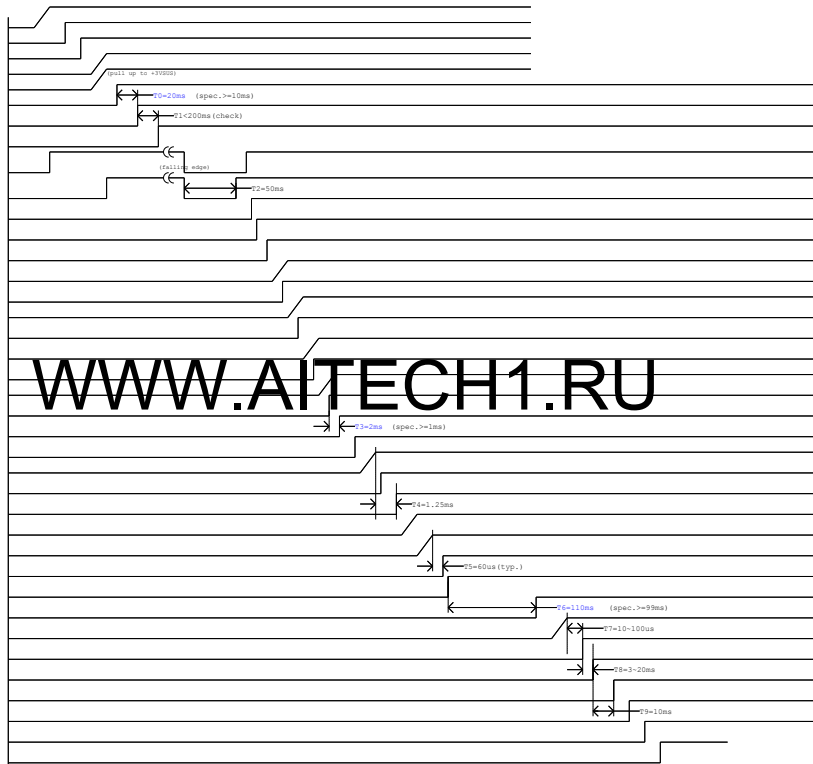


WWW.AITECH1.RU



AC-IN Mode

1 +3VA/+5VA/+3VA_EC
(to EC) 2 EC_RST#
(EC to power) 3 VSUS_ON
+3VSUS/+5VSUS
(PCH to EC) 4 ME_SusPwrOnAck
(power to EC) 5 SUS_PWRGD
(EC to PCH) 6 PM_RSMRST#
(EC to PCH) 7 AC_PRESENT
(to EC) 8 PWR_SW#
(EC to PCH) 9 PM_PWRBTN#
(PCH to EC) 10 PM_SLP_A#
(PCH to EC) 11 PM_SUSC#
12 PM_SUSB#/SLP_LAN#
(PCH to EC) (PCH to power)
+1.1VM_LAN#
(EC to power) ME_SLP_M_EC#
+1.1VM/+3VM
(EC to power) 13 SUSC_EC#
+0.6V/+1.2V/+1.8V/+3V/+5V
(EC to power) 14 SUSB_EC#
+1.05VB/+1.2VB/+1.8VB/+3VB/+5VB
(power to EC) ME_VM_PWRGD
(EC to PCH) ME_PWRCK
15 SYSTEM_PWRGD
+VTT_CPU
(CPU to power) GFX_VR_ON
16 +VTT_CPU_PWRGD/
(power to CPU) H_VTTPWRGD
GFX_VID
+VDDFX_CORE
(power to EC) GFX_PWRGD
18 ALL_SYSTEM_PWRGD
(EC to power) CPU_VRMN
19 +VCCIN
CLK_PWRGD
(Inversion of CLK_EN#)
(power to EC) 20 CORE_PWRGD
(EC to PCH) 21 PM_PWRCK
(PCH to CPU) H_DRAM_PWRGD
(PCH to CPU) H_CPU_PWRGD
(PCH to CPU) 22 BUP_PLT_RST#



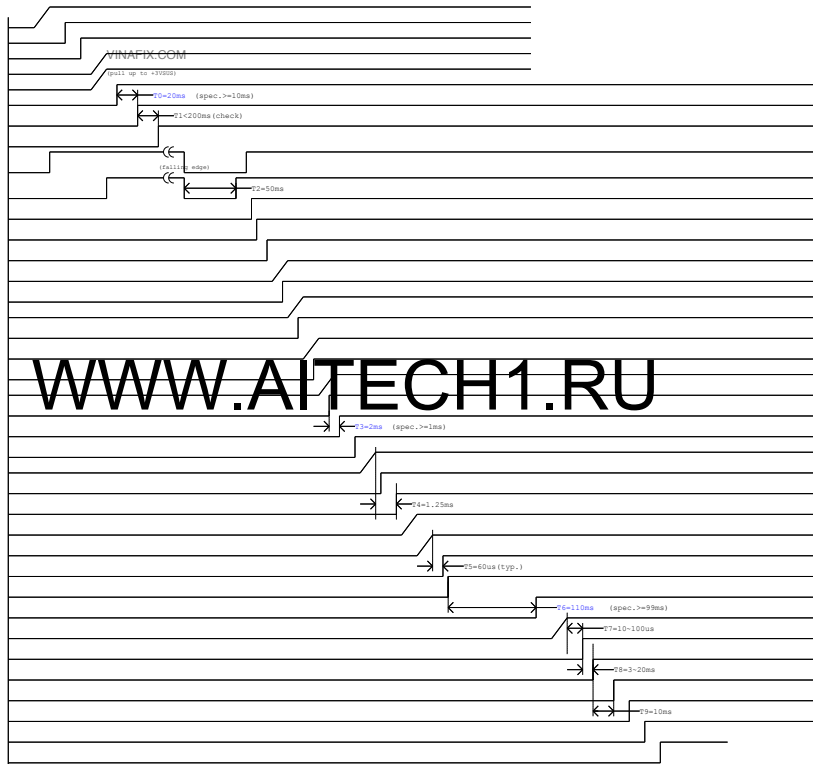
WWW.AITECH1.RU

AC-IN Mode

```

1 +3VA/+5VA/+3VA_EC
   (to EC) 2 EC_RST#
   (EC to power) 3 VSUS_ON
                 +3VSUS/+5VSUS
(PCH to EC) 4 ME_SusPwrOnAck
(power to EC) 5 SUS_PWRGD
(EC to PCH) 6 PM_RSMRST#
(EC to PCH) 7 AC_PRESENT
               (to EC) 8 PWR_SW#
               (EC to PCH) 9 PM_PWRBTN#
(PCH to EC) 10 PM_SLP_A#
(PCH to EC) 11 PM_SUSC#
               12 PM_SUSB#/SLP_LAN#
(PCH to EC) (PCH to power)
              +1.1VM_LAN#
(EC to power) ME_SLP_M_EC#
              +1.1VM/+3VM
               (EC to power) 13 SUSC_EC#
              +0.6V/+1.2V/+1.8V/+3V/+5V
               (EC to power) 14 SUSB_EC#
              +1.05V/+1.2V/+1.8V/+3V/+5V
(power to EC) ME_VM_PWRGD
               (EC to PCH) ME_PWRCK
               15 SYSTEM_PWRGD
                  +VTT_CPU
(CPU to power) GFX_VR_ON
16 +VTT_CPU_PWRGD/ 17 H_VTTPWRGD
   (power to CPU)   GFX_VID
                  +VDDFX_CORE
(power to EC)      GFX_PWRGD
               18 ALL_SYSTEM_PWRGD
               (EC to power) CPU_VRMN
               19 +VCCIN
                  CLK_PWRGD
   (Inversion of CLK_EN#)
(power to EC) 20 CORE_PWRGD
               (EC to PCH) 21 PM_PWRCK
(PCH to CPU)  H_DRAM_PWRGD
(PCH to CPU)  H_CPU_PWRGD
(PCH to CPU)  22 BUF_PLT_RST#

```



WWW.AITECH1.RU