

ID	Task Name	Duration	Start	Finish	Predecessors	Resource Name
1	Development Plan (Provisional)	95 days	Mon 05/25/08	Fri 03/01/09		
2	System Level	44 days	Mon 05/25/08	Fri 04/04/09		
3	Overall System Design (1st Phase)	20 days	Mon 05/25/08	Fri 04/04/09		System_Eng
4	Creation of System Requirements Specification	20 days	Mon 05/25/08	Fri 04/04/09		System_Eng
5	Selection of embedded Single Board Computer	5 days	Mon 05/25/08	Fri 04/04/09		System_Eng
6	External Connector Selection	4 days	Mon 05/25/08	Thu 04/03/09		HW_Dem_Eng_1
7	External Connector Processing	5 days	Mon 05/25/08	Thu 04/03/09		HW_Dem_Eng_1
8	VBSP Review and Feedback	3 days	Fri 05/02/08	Mon 05/05/08		HW_Dem_Eng_1
9	Power Structure Design	5 days	Wed 06/04/08	Tue 06/24/08		HW_Dem_Eng_1
10	Power Supply Design	3 days	Wed 06/04/08	Fri 06/06/08		HW_Dem_Eng_1
11	Get Circuit up and running	3 days	Mon 05/25/08	Wed 05/27/08		HW_Dem_Eng_1
12						
13						
14	Hardware Development	142 days	Mon 05/25/08	Thu 03/18/09		
15	Main Processing Board (MPB) Development	120 days	Mon 05/25/08	Fri 01/16/09		
16	Schematics and PCB for existing board available	0 days	Mon 05/25/08	Mon 05/25/08		
17	Study and understand existing board design	5 days	Mon 05/25/08	Fri 05/29/08		HW_Dem_Eng_1
18	Specify changes to existing design	10 days	Mon 05/25/08	Fri 06/06/08		System_Eng
19	Ready to start modification	0 days	Fri 06/06/08	Fri 06/06/08		
20	Select appropriate connector for Video Interface Board	1 day	Mon 05/26/08	Mon 05/26/08		HW_Dem_Eng_1
21	Select appropriate DV Audio DAC	1 day	Tue 05/27/08	Tue 05/27/08		HW_Dem_Eng_1
22	Schematics for I/O Card available	3 days	Wed 05/28/08	Fri 05/30/08		HW_Dem_Eng_1
23	New Components for I/O Card available	3 days	Wed 05/28/08	Fri 05/30/08		HW_Dem_Eng_1
24	Add circuitry for HD SD Inputs	5 days	Mon 05/26/08	Fri 06/06/08		HW_Dem_Eng_1
25	Add circuitry for SD Audio Channel	3 days	Mon 05/26/08	Fri 06/06/08		HW_Dem_Eng_1
26	Add circuitry for VBI Interface	3 days	Mon 05/26/08	Fri 06/06/08		HW_Dem_Eng_1
27	Add the BITE Monitoring components	1 day	Tue 05/27/08	Tue 05/27/08		HW_Dem_Eng_1
28	Modified schematics Ready for Review	0 days	Tue 05/27/08	Tue 05/27/08		
29	Eyeplane Review	1 day	Wed 05/28/08	Wed 05/28/08		HW_Dem_Eng_1
30	Update Schematics	1 day	Thu 05/29/08	Thu 05/29/08		HW_Dem_Eng_1
31	Component Review	1 day	Fri 05/30/08	Fri 05/30/08		HW_Dem_Eng_1
32	Update Schematics	2 days	Mon 05/31/08	Tue 06/03/08		HW_Dem_Eng_1
33	Ready to Export to PCB Layout	0 days	Tue 06/03/08	Tue 06/03/08		
34	Export to Layout tool	1 day	Wed 06/04/08	Wed 06/04/08		HW_Dem_Eng_1
35	Source Components	5 days	Thu 06/05/08	Mon 06/09/08		Component_Support
36	Order Components	3 days	Thu 06/05/08	Mon 06/09/08		Component_Support
37	Component Deliveries	20 days	Thu 06/05/08	Wed 07/02/08		Component_Support
38	All components available for assembly	0 days	Mon 06/09/08	Mon 06/09/08		
39	Create initial VBI Test Specification	5 days	Wed 06/11/08	Mon 06/16/08		HW_Dem_Eng_1
40	PCB Layout and S/C Checking	15 days	Thu 06/12/08	Wed 06/25/08		PCB_Layout_1
41	PCB Layout Review (System + Connect)	2 days	Thu 06/12/08	Fri 06/13/08		HW_Dem_Eng_1
42	PCB Layout Updates	2 days	Mon 06/09/08	Tue 06/10/08		PCB_Layout_1
43	PCB Export for Manufacture	1 day	Wed 06/10/08	Thu 06/11/08		PCB_Layout_1
44	PCB Received for Manufacture	10 days	Thu 06/11/08	Wed 06/25/08		PCB_Manufacturing
45	PCB Manufacturing	0 days	Thu 06/11/08	Wed 06/25/08		
46	PCB ready for Assembly	0 days	Wed 06/25/08	Wed 06/25/08		
47	PCB Assembly	7 days	Thu 06/26/08	Fri 07/04/08		PCB_Assembly
48	PCB Board checks and Bring-up	0 days	Fri 07/04/08	Fri 07/04/08		
49	Initial Board checks and Bring-up	5 days	Mon 07/07/08	Fri 07/11/08		HW_Dem_Eng_1
50	Board ready for initial Video Integration	0 days	Fri 07/11/08	Fri 07/11/08		
51	MPB and Board Integration	5 days	Fri 07/11/08	Thu 07/17/08		HW_Dem_Eng_1
52	Board functionality and Integrity Testing	10 days	Mon 07/14/08	Fri 07/25/08		HW_Dem_Eng_1
53	MPB ready for System Integration	0 days	Fri 07/25/08	Fri 07/25/08		
54						
55	Video Interface Board (VIB) Development	79 days	Wed 06/18/08	Tue 04/14/09		
56	Schematic Design Start	0 days	Wed 06/18/08	Wed 06/18/08		
57	New component creation	1 day	Thu 06/19/08	Thu 06/19/08		HW_Dem_Eng_1
58	Schematic Circuit Design	3 days	Fri 06/20/08	Tue 06/24/08		HW_Dem_Eng_1
59	Schematic Review for Review	18 days	Mon 06/23/08	Mon 07/14/08		HW_Dem_Eng_1
60	Schematics Ready for Review	0 days	Tue 06/24/08	Tue 06/24/08		
61	Update Schematics	1 day	Wed 06/25/08	Wed 06/25/08		HW_Dem_Eng_1
62	Ready to Export to PCB Layout	0 days	Thu 06/26/08	Thu 06/26/08		
63	Export to Layout tool	1 day	Fri 06/27/08	Fri 06/27/08		HW_Dem_Eng_1
64	Source Components	5 days	Mon 06/30/08	Fri 07/04/08		Component_Support
65	Order Components	3 days	Mon 06/30/08	Fri 07/04/08		Component_Support
66	Component Deliveries	20 days	Mon 06/30/08	Wed 07/23/08		Component_Support
67	All components available for assembly	0 days	Wed 07/23/08	Wed 07/23/08		
68	Create initial VBI Test Specification	5 days	Thu 07/24/08	Mon 07/28/08		HW_Dem_Eng_1
69	PCB Layout and S/C Checking	15 days	Mon 07/28/08	Wed 08/13/08		PCB_Layout_1
70	PCB Layout Review (System + Connect)	2 days	Mon 07/28/08	Tue 08/05/08		HW_Dem_Eng_1
71	PCB Layout Updates	2 days	Wed 08/06/08	Thu 08/07/08		PCB_Layout_1
72	PCB Export for Manufacture	1 day	Fri 08/08/08	Fri 08/08/08		PCB_Layout_1
73	PCB Received for Manufacture	10 days	Mon 08/11/08	Mon 08/25/08		PCB_Manufacturing
74	PCB Manufacturing	0 days	Mon 08/11/08	Mon 08/25/08		
75	PCB ready for Assembly	0 days	Fri 08/15/08	Fri 08/15/08		
76	PCB Assembly	7 days	Mon 08/18/08	Tue 08/25/08		PCB_Assembly
77	PCB Board checks and Bring-up	0 days	Tue 08/25/08	Tue 08/25/08		
78	Initial Board checks and Bring-up	5 days	Wed 08/27/08	Tue 09/01/08		HW_Dem_Eng_1
79	Board ready for initial Video Integration	0 days	Tue 09/01/08	Tue 09/01/08		
80	VBI and Board Integration	5 days	Wed 09/03/08	Tue 09/08/08		HW_Dem_Eng_1
81	Board functionality and Integrity Testing	10 days	Wed 09/03/08	Tue 09/15/08		HW_Dem_Eng_1
82	VBI ready for System Integration	0 days	Tue 09/15/08	Tue 09/15/08		
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85	MPB ready for System Integration	0 days	Tue 09/15/08	Tue 09/15/08		
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