

TPM M0-Milestone -Declaration

Product: Diamond (95 Generation)
APOXI Lead Product

TPM Andreas Betting

TPM R&D Ulrich Barner

REMARK:

Overall Project Assessment:

Confidence Level to reach DS Milestone vs. expected Feature level: 70%

Reason: Main issue today

- a) new SW-Platform: APOXI Gemstone
- b) no experience with Agile-SW-Development-Process
(First experience after SW-Sprint1: 07.05.06)
- c) Supplier contracts partly under negotiation, could effect SW deliveries

Appendices: Please see detailed description in annex

- Milestones
- Risk Assessment
- PD M0-Declaration
- PD M0-Documentation

Milestone overview:

| | Initial | Final | |
|----------------|------------|----------------------|------|
| Mα | 19.01.2006 | 19.01.2006 | done |
| M0 | 21.04.2006 | 21.04.2006 | done |
| S0 | 19.05.2006 | | |
| M1 | 23.06.2006 | | |
| S15 | 03.08.2006 | | |
| S2 | 12.10.2006 | | |
| S25 | 13.12.2006 | | |
| AS | 07.02.2007 | | |
| S3 | 07.02.2007 | | |
| PS | 20.03.2007 | | |
| DS | 20.04.2007 | (target 13.04.07) | |
| S4 / M3 | 30.05.2007 | | |

Risk Assessment M0-Status:

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PD-Team M0-Declaration :


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PD-Team M0-Documentations:

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M0 Milestone is declared by TPM and TPM R&D

Technical Product Manager


Andreas Betting 21.04.06

Technical Product Manager R&D


Ulrich Barner 21.04.2006

| | | |
|---------------------------------------|---|---|
| RF Michael Niederholz | | * minor topics |
| BB Reiner Wiechert | | * integration of new Supplier for LCD module - AUO (single source) * camera supplier selection not finished * Memory: Supplier not fixed (Strategy open) |
| EA Markus Kückelheim | | * SAR values for 900MHz in closed Slider position expected as critical. Confidence Level to find solution: 70%. |
| ED Heinz Rauch | | * minor topics |
| MD Nelson G. Pimentel | | * Basic alignment in mechanical concept reached (90%) - expected design-changes: release-button (two instead of one, size and position), design of Endcap (backside) * Difficult assembly of ZIF connector for connection between Keypad-FPC and Antenna-Audio-Module * New Spring-System planned to be implemented - no experience * New Slider System with high quality of sliding-appearance planned to be implemented - no experience * Material surface appearance (exact rendering combined with polished areas) unclear to realize - supplier meetings needed |
| SW Tomas Pospischil | | * Supplier contracts still in negotiation. This may become an issue, if suppliers do not deliver. Implementation and integration already started at 10-Apr-2006. * It will be very hard to keep memory usage under 64 MB. Every action should be taken to minimize memory including font compression. Special care should be taken at the definition of the customization-sets. More detailed estimates from the subsystems needed on short term to minimize risks. * New CM Setup and CM tooling might have impact on team speed * New, only partially defined process framework. Unclear workflow might slow down the team * First usage of APOXI platform within BenQ. No deep system knowledge available * Project taken over from PSE, which was in the driver role. Current state unclear * Project staffing not finished yet. Some key resources bound in ongoing projects * Requirements still under negotiation * S0 SW needs to be shifted to 02.06.06 due to finalisation of feasibility studies |
| ST Sylvia Schellberg-Geiger | Y | * Test cases needs to be set up and adapted to agile-development-process |
| QM PRO Kay-Uwe Clemens | | * minor topics |
| LCM 3 Carsten Schilling | | * soldering process: 0,4mmPitch with 0,6mm PCB (thickness) critical - tests started * Screwing process critical because of very small screws * complex and difficult Assembly concept * test-scenario critical due to 2-PCB-Concept |
| Procurement Jörg Dunzel | | * minor topics |
| QM Zlatko Kirin | | Critical areas mainly in SW and Mechanics |
| Customer Care Jörg Kruse | | * minor topics |
| BA Nina Nosek | | * minor topics |
| VAS Thorsten Lange | | * minor topics |
| TPM A.Betting U.Barner | | * Overall Project Assessment: Confidence Level to reach DS Milestone vs. expected Feature level: 65-70% Reason: Main issue today a) new SW-Platform: APOXI Gemstone b) no experience with Agile SW development Process (first experience after SW-Sprint1: 07.05.06) c) Supplier contracts partly under negotiation, could effect SW deliveries * SW Milestones needs to be re-worked: S0-SW on 02.06.06, M1-SW planned to be synchronic with M1-HW |