Wireless LAN Operation

Product Requirement Document

Windansea

Phase 1

Version 0.6

INTEL TEAM APPROVAL	NAME	INITIALS	DATE
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Revision History

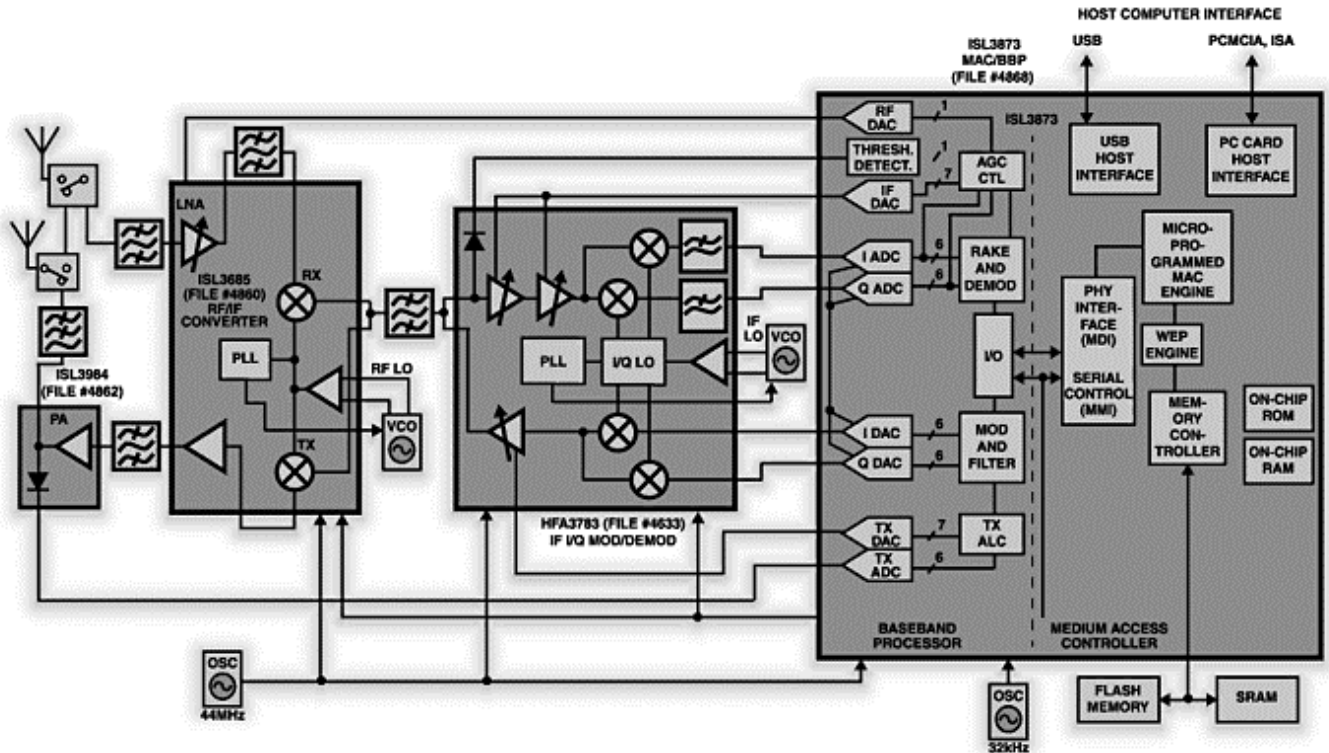|	
V0.1	First Draft by Intel, SG
V0.2	Added delta between Windansea and Birdrock
V0.3	Changed the figure 1, Added mechanical and FW information's to the doc.
V0.4	Changed reg. Table based on MRD rev.09. by SG.
V0.5	Added SW and MFG portions by SG on 7/17/01.
V0.6	Modified section 9.0 and 11.0 by SG on 7/30/01.

1.0 Contact Information

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Who should receive Product Change Notifications?	HW Eng, Procurement, PM			

2.0 Product Summary

Windansea is the Intel code name for the desktop USB (USB1.1 compliance) based 802.11b NIC using Intersil Prism 2.5 silicon.

Figure below shows the functional block diagram for Windansea product:

Due to TTM, Windansea software will be released in two phases; phase one with Intersil FW/SW and phase two with Symbol/Intel ProSet (Islandia 3.1) FW/SW.

This PRD is intended to summarize the product definition and identify any modifications required to utilize Birdrock hardware to produce Windansea.

Windansea hardware highlights:

- Single sided design
- Two integrated antennae
- Antenna diversity switch SW1
- USB 1.1 host interface
- Intersil Prism 2.5   3 chip solution – 3873BB,3783, 3685
- Rangestar embedded antenna.
- Intel designed plastic covers.
- Integrated 6' cable, GE 71938 or Pantone 427C.
- Custom form factor.
- WECA/WIFI, USB.org compliance, SAR testing, FCC