CONEXANT SYSTEMS INC
Form 425
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Filed by Alpha Industries, Inc.
Pursuant to Rule 425 under the Securities Act of 1933
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Subject Company: Conexant Systems, Inc.
Commission File Number: 000-24923

Alpha Industries will file a proxy statement/prospectus and other relevant documents concerning the proposed merger of Conexant's wireless business with and into Alpha Industries with the SEC. Investors and security holders are advised to read the proxy statement/prospectus and other relevant documents filed by Alpha Industries with the SEC regarding the proposed merger referenced in the foregoing information when they become available because they will contain important information. Investors and security holders may obtain a free copy of the documents regarding the proposed merger (when available) and other documents filed by Alpha Industries at the SEC's web site at www.sec.gov. The documents regarding the proposed merger and such other documents may also be obtained from Alpha Industries directing such request to Alpha Industries, Inc., Attn: Paul E. Vincent, 20 Sylvan Road, Woburn, MA, 01801.

Alpha Industries and its directors and executive officers may be deemed to be participants in the solicitation of proxies from Alpha Industries' shareholders. A list of the names of the directors and executive officers and descriptions of their interests in Alpha Industries is contained in Alpha Industries' proxy statement dated July 30, 2001, which is filed with the SEC and will also be included in future proxy statements filed with the SEC. Shareholders may obtain additional information about the interest of the directors and executive officers in this transaction by reading the proxy statement/prospectus when it is available.

INVESTORS' PRESENTATION

SLIDE 1

[Alpha logo] [Conexant logo]

Creating The Pure-Play

Wireless Semiconductor Leader

December 2001

SLIDE 2

Safe Harbor Statement

This presentation reflects Management's outlook only as of the date of

the presentation and contains forward-looking statements which predict future results and other matters. These forward-looking statements are inherently subject to risks and uncertainties. Actual results and outcomes may materially differ as a result of various factors. Such factors include, but are not limited to: the timing and extent of recovery in each of the Companys' markets, customer orders not being as expected; erosion of margins; competitive pressures and economic and market conditions that vary from expectation; modification of Company plans or intentions; the transaction not occurring and financial results varying from expectations. Additional information on these and other factors that may cause actual results and Company performance to differ is included in each the Companys' latest earnings releases and within their most recent Form 10-K/10Qs as filed with the SEC

SLIDE 3

Market Dynamics

- Shortening product development cycles
- Simplified architectures
- OEMs shifting to low-cost suppliers around the world
- ODMs and contract manufacturers entering the phone business without RF and systems expertise
- Uniquely positioned to drive the future evolution of RF and systems integration

A Significant Opportunity For a Pure-Play, Broad-Based Wireless Semiconductor Supplier

SLIDE 4

Strategic Combination Rationale

- Two highly successful, complementary and high growth wireless businesses
- Industry's broadest technology and product offering
- Supplier to all key handset and infrastructure OEMs
- Capitalizing on the trend towards handset outsourcing
- Uniquely positioned to drive the future evolution of RF and systems integration

Creating The Pure-Play Leader in Mobile Communications Semiconductors

SLIDE 5

Alpha Industries

SLIDE 6

Alpha Industries

Highly Integrated Radio Frequency Solutions Enhancing

[GRAPHIC OF PRODUCTS]

Focused Investments

- Switches and Filters
- InGaP GSM PA Modules
- Base Station Components
- RF Process Technologies

Speed, Quality and Performance of Wireless Voice, Data and Video

SAMSUNG MITSUBISHI MOTOROLA SONY LUCENT TECHNOLOGIES
Bell Labs Innovations

NORTEL ALCATEL ERICSSON SIEMENS

SLIDE 7

A Broad Handset Product Portfolio

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o Switches	- Worldwide Leader 40% Share
o Power Amplifiers	- Established PHEMT Lead - HBT InGaP
o Discrete Semiconductors	- Module Building Blocks

New Integrated Products ----------> THE SOLUTION

Products in More Than 40 Handsets

SLIDE 8

Wireless Handset Participation

Couplers and Detectors

RF IC Power Amplifiers and Modules

[GRAPHIC OF PRODUCT]

Varactor Diodes

Schottky Diodes

RF IC Switches and Switch Filters

PIN Diodes

Capturing an Increasing Number of Sockets Within the Handset

SLIDE 9

RF Front End Strategy

Si ASIC

PA MMICs

PA Module

RT Transmit Chain Module

Discrete

[DIAGRAM]

[Diagram]

Directional Detector

Switches

Switch Filter Module

Si ASIC

Filter

Accelerating the RF Integration Roadmap

SLIDE 10

Leadership RF Front End Implementations

Technology Breadth

- PHEMT
- HBT
- Siligon Logic
- Discrete Semiconductors

[GRAPHIC OF PRODUCT]

SLIDE 11

Leadership RF Front End Implementations

ai Integration Platform

Power Amplifier Controller

Power Amplifier

[DIAGRAM]

Discrete Semiconductors

Directional Detector

Switch Controller

Switch

Continually Raising Level of Component Integration

SLIDE 12

LTCC Technology Capability

Low Temperature Cofired Ceramics

Inductor

Matching Circuit

Coupler

[DIAGRAM]

Filter

Capicitor

Key Characteristics

- In House LTCC Technology
- Complexity of > 20 Layers
- Dedicated LTCC Design Capability

A Distinct Competitive Advantage in RF Front End Integration

SLIDE 13

Switch and Filter Modules

Silicon ASIC

CaAs SP4T Switch

[DIAGRAM]

DCS SAW

GSM SAW

LTCC Ceramic Substrate

The Clear Market Leader in Delivering Switching Solutions

SLIDE 14

Wireless Infrastructure Components

Ceramic Resonators

Detectors / Couplers

Magnetic Products

Coaxial Resonators

Diodes

[IMAGE]

Filters

Vector Modulators

Amplifiers

Switches

Attenuators

Increasing Base Station Semiconductor Content

SLIDE 15

Conexant's Wireless Business

SLIDE 16

Conexant's Wireless Business

Components, RF Subsystems and Semiconductor System Solutions

[IMAGE]

Focused Investments

- Power Amplifiers
- RF Subsystems
- Cellular Systems
- Wireless Data

for Digital Wireless Voice and Data Communications

Motorola Samsung NEC KYOCERA ACER

LG NOKIA ERICSSON SONY

SLIDE 17

Power Amplifiers

[IMAGE]

Standards Support

- CDMA
- TDMA/EDGE
- GSM/GPRS
- cdma2000
- W-CDMA

Nearly 150 Million PA Modules Shipped

SLIDE 18

CDMA PA Module Leadership

[IMAGE]

Key Characteristics

- 50 GHz GaAs InGaP
- 4mm x 4mm Footprint
- Increased Efficiency
- Improved Linearity

World's Smallest CDMA PA Modules

Slide 19

RF Subsystems

[IMAGE]

Full Transmit and Receive Chain

Standards Support

- GSM/GPRS
- IS-95 / cdma2000
- EDGE
- Bluetooth
- W-CDMA

More Than 25 Committed DCR Design Wins

Slide 20

Traditional GSM RF Section

SAW LNA SAW X SAW I-Q Demod I Q

[DIAGRAM]

T/R
Switch PLL PLL

Translational I
PA Loop Q

[IMAGE]

114 Components
$12 – $13 GSM RF Subsystem

Slide 21

GSM Direct Conversion Approach

o Lowest Power o Highest Integration o Most Flexible

[DIAGRAM] [IMAGE]

47 Components
$7 – $8 GSM DCR Subsystem

Slide 22

Cellular Systems Architecture

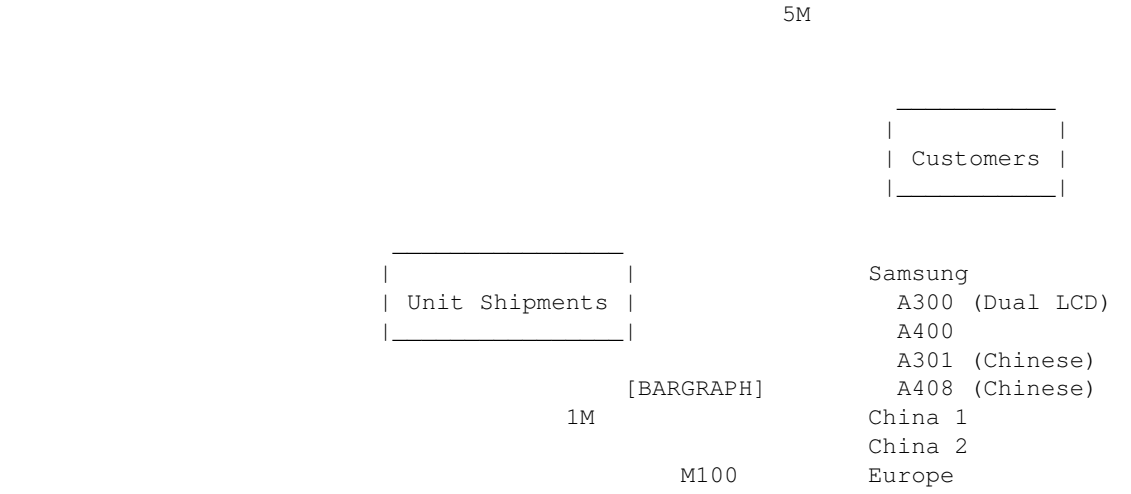
Baseband Power Management

[IMAGE] [IMAGE] [IMAGE]

Mixed Signal DCR Transceiver

Power Amplifier

| World's Most Complete GSM/GPRS System Solution |

Slide 23

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