

## Hani Badawi



Vice President of Quality Assurance at AXT, Inc.  
Semiconductors

<http://www.directoryinventor.com/profile/view/nhxE6z8E>

## Experience

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### Vice President of Quality Assurance

AXT, Inc.

Public Company; Semiconductors  
2009 - Present

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### Vice President of Applications Engineering and Intellectual Property

AXT, Inc.

Public Company; Semiconductors  
July 2004 - Present

Vice President of Applications Engineering and Intellectual Property

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### VP of Engineering

AmberWave Systems

Privately Held; Semiconductors  
January 2002 - December 2003

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### Director of Operations

ATMI

Public Company; Semiconductors  
April 1998 - December 2001

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### Sustaining Engineering Manager

Anadigics, Inc.

201-500 employees; Public Company; Semiconductors  
January 1997 - March 1998

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### President/Owner

Hanimex

Myself Only; Sole Proprietorship; Management Consulting  
February 1995 - December 1996

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### VP of Operations

## R&D, Processing, Manufacturing and Operations Management

1) Hughes Aircraft, 2) Grumman Aerospace, 3) ITT, 4) Postdoctoral Fellow at UK Universities  
Semiconductors

April 1976 - March 1991

1976 - 1978 SRC Postdoctoral Fellow at University of Nottingham, UK 1978 - 1981 Philips  
Postdoctoral Fellow at University of Surrey, UK 1981 - 1986 ITT (Standard Telecommunications  
Laboratory), UK 1986 - 1990 Tachonics Corp./Grumman Aerospace, NJ, USA 1990 - 1991 Hughes  
Aircraft, CA, USA All of the above positions included work on Gallium Arsenide (GaAs) materials,  
device physics and circuits. R&D work from 1976 to 1986 and manufacturing/operations from 1986 to  
1991.

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## Teaching Assistant

Faculty of Engineering, Alexandria University

10,001+ employees; Educational Institution; Higher Education

October 1969 - February 1972

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## Education

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### University of Kent

Semiconductor Electronics

1972 - 1976

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### Alexandria University

Electronics and Electrical Engineering

1964 - 1969

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## Patents (5)

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### [Low etch pit density \(EPD\) semi-insulating III-V wafers](#)

Weiguo Liu, Morris S Young, M Hani Badawi

January 29, 2013: 08361225

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### [Low Etch Pit Density \(EPD\) Semi-Insulating III-V Wafers](#)

Weiguo Liu, Morris S Young, M Hani Badawi

December 1, 2011: 20110293890-A1

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### [Low Etch Pit Density \(EPD\) Semi-Insulating GaAs Wafers](#)

Weiguo Liu, Morris S Young, M Hani Badawi

January 7, 2010: 20100001288-A1

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## **Low etch pit density (EPD) semi-insulating GaAs wafers (3 worldwide citation)**

Weiguo Liu, Morris S Young, M Hani Badawi

July 28, 2009: 07566641

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## **Low etch pit density (EPD) semi-insulating GaAs wafers**

Weiguo Liu, Morris S Young, M Hani Badawi

November 13, 2008: 20080280427-A1

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[View all \(5\)](#)