



iMAPS NEW ENGLAND



First Chapter Technical Meeting of 2012
Tuesday, February 7, 2012

LOCATION: Courtyard By Marriott Marlborough – 75 Felton Street, Marlborough, MA

SCHEDULE (times approximate):

- 5:30 PM Registration, Socializing, Networking & Cash Bar
- 6:30 PM Dinner
- 7:15 PM “High-Performance Chip Integration Technology”
Jason Kulick, President and Co-Founder, Indiana Integrated Circuits

Featured Presentation

**Novel "Quilt Packaging" Technology
Enables 3D Multi-Die RF Modules to Emulate Monolithics**

ABSTRACT: To maintain the pace of innovation projected by Moore’s Law, technologists have been focused on modifying or extending current technologies into so-called 3D packaging (Through-Silicon-Via, Wafer Level Packaging, die stacking), but significant obstacles, such as thermal dissipation, CTE mismatches etc. continue to limit wide-spread adoption. “Quilt Packaging™” is a direct, edge-interconnect technology that has achieved less than 0.1 dB of insertion loss from 50 MHz to over 100 GHz. Quilt Packaging or “QP” enables multiple die from disparate materials and/or processing technologies to be integrated into a monolithic-like system that performs as if created as a single chip... with significant potential in MEMs integration, power management, and large-format imaging array applications.

“SEND NO MONEY” PRE-REGISTRATION FORM (Print clearly or attach business card)

There's no charge for the Technical Meeting, only for dinner. You may attend without eating dinner.

	<u>Non-Member</u>	<u>Member</u>	<u>Retired/Unemployed Member</u>	<u>Student</u>
Meeting & Dinner Cost:	\$30.00	\$25.00	\$20.00	\$10.00

Dinner: Penne Pasta with Tomato and Basil, Caesar Salad, Chicken Piccata with seasonal vegetables & roasted potatoes plus Warm Apple Crisp [Special Dietary Requirements can be accommodated].

**SEND NO MONEY! BRING checks payable to “IMAPS New England”
Pre-Registration deadline is Thursday, February 2..!!!**

PROVIDE THE FOLLOWING INFORMATION OR COPY/PASTE THIS FORM INTO AN E-Mail

Send it to: **Jennifer Bailey** bailey_jj@yahoo.com or call 781-696-9369

After February 2, you must register at-door. At-door registration is an additional \$5.00 [**Limited Availability**]

If you fail to cancel by noon on Friday [2/3] The Chapter will bill you for the registration fee.

IMAPS Individual Member (Check): YES ___ NO___ Member Number (required) _____

STATUS (check): NON-MEMBER ___ MEMBER ___ RETIRED ___ UNEMPLOYED ___ STUDENT ___

REGISTERING FOR (check): DINNER ___ MEETING ONLY ___

NAME _____ COMPANY _____

ADDRESS _____ STATE _____ ZIP _____

PHONE _____ E-Mail _____

Check www.imapsne.org for updates