

LOCATION:
Haywards BBQ
11051 S Antioch
Overland Park, KS 66210
www.haywardsbbq.com

Map and directions posted on
www.heartlandsmta.com



Heartland
SMTA
Surface Mount Technology Association

Mar 23 '10
5:00 - 8:30 PM

Haywards BBQ

Ribs! **Ham!**
Chicken!

COST (includes BBQ Dinner):

\$ \$25 SMTA Registered Members
\$ \$15 Full Time Students
\$ \$35 Non-Members

(cash or check to Heartland SMTA)

RSVP By Mar 19th

Dwight Nelson
dnelson@lorenzsouth.com
(email preferred)
(913) 469-1312

Title: Best Detection Methods for Counterfeit Components

By Mark Marshall

VP Engineering, Integra Technologies LLC, Wichita, KS 67226

In recent years there has been a dramatic increase in the occurrence of counterfeit components creating needs for an efficient method to detect them.

The presentation will describe methods of detecting counterfeit parts and will use actual examples and experiences with counterfeit parts. Cost effective methods of test will be shown that can provide a reasonably high assurance of detecting counterfeit parts. Also covered will be different types of counterfeit devices and the test methods required to detect them. Finally some discussion will be included on problems with broker directed component screening.

About the Speaker:

Mr. Marshall has degree in Electrical Engineering and has been working in the field of electronic component evaluation for over 25 years. He has expertise in the evaluation, testing and qualification of Integrated Circuits. He has extensive experience in Integrated Circuit component management and played a key role in setting supplier strategies for NCR, AT&T and Lucent. Mark currently is the Vice President of Engineering at Integra Technologies where he is responsible for the test engineering development group. Integra's engineering staff has expertise in many fields of test including microprocessors, memories, ASIC's, RF and mixed signal as well as expertise in qualification and environmental stressing of components.

Door opens at 4:30 - come early and network!

Please post this announcement