MARK RYAN BORROMEO

Test Development Engineer

About Me

Successful engineering manager looking into global opportunities. Hoping to use my years of relevant experience to apply in a relevant international role.

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LANGUAGE

- English
- Filipino

EXPERTISE

- Test Development
- SW Development
- HW Development
- Programming
- Electronics
- Leadership
- Lean Six Sigma
- Critical Thinking

EXPERIENCE

Test Development Section Manager
onsemi Carmona Philippines, Carmona Cavite
March 2018 - Present

Manage test engineers in developing test solutions from inefficient (obsolete/unoptimized) tester platforms into onsemi's ATE roadmap platforms (Teradyne ETS88/364/800). Responsible for monitoring/driving test development projects from start until release to production.

Collaborate and engage various stakeholders (Manufacturing Sites, Test/Product Engineering, Process and Quality Teams) in developing/creating improvement projects in terms of Test Program or Test Hardware in improvement of product quality.

Test Development Engineer
onsemi Carmona Philippines, Carmona Cavite
2014 to 2018

Responsible for developing test packages (from scratch) to roadmap tester platforms (ETS88/364/800). Activities include:
- Test Plan Creation (Microsoft Visio)
- Schematic Diagram (PADS VX Logic 2.8)
- Engage PCB Layout (PADS VX Layout 2.8)
- SW Development (Microsoft Visual Studio 2010/2015/2019)
- Test Program Debug (Passed All Test Parameter)
- Spike Hunt (All Pins not exceeding ABS Max/Min)
- Test Correlation (<10% for all test parameters)
- Repeatability Study (Gauge/Interactive Repeatability)
- Qualification Run (Pre-production run)
- Change Documentation and Presentation

Development more than 20 test solutions from Power Management IC's, Op Amps, Gate Drivers and other ASIC onsemi products.

EDUCATION

Manuel S. Enverga University Foundation

Bachelor of Science in Computer Engineering
2013-2014