

2023-29969 Power Module Product/Test Dev. Engineer M/F

General information

Job level	30 - Graduate Entry Level
-----------	---------------------------

Position description

Regions	Europe
Country	Italy
States	Catania
Posting title	Power Module Product/Test Dev. Engineer M/F
Regular/Temporary	Regular
Job description	<p>Candidate will be part of a team focused on Power Module devices development.</p> <p>Scope of this role is to bring new Power Module devices from Design to mass production.</p> <p>Job scope:</p> <ul style="list-style-type: none">• Develop testing HW/SW for new product development over the available tester platform in cooperation with all involved divisional functions.• Define test solution architecture, according to manufacturing strategies and according to the product datasheet and/or test specification.• Guarantee the test coverage according to ST rules and policies• Support qualification plan together with the design, quality & reliability and application engineering departments.• Analyze the test results comparing to design objectives specification.• Support strictly all ST manufacturing plants to achieve the best testing efficiency over the followed product lines• To define product industrialization yield and testing roadmap• Static and dynamic product characterization• Technical Documentation release
Profile	<ul style="list-style-type: none">• Bachelor or Master Degree in Electrical\Electronics Engineering• C / C++ good programming skills <p>• Ability to work under pressure with high work load</p> <p>• Passion for innovation and problem solving.</p> <p>• Availability to travel</p> <p>Will be considered a plus:</p> <ul style="list-style-type: none">• PCB CAD development experience• Knowledge of traction inverter application• Knowledge of power semiconductor physics• Experience in instrumentation usage (bench equipment, oscilloscope, solder station,...) <p>The Employment search is addressed to candidates of both genders, under Law 10.04.1991 n. 125, as amended by Legislative Decree n. 198/2006 which guarantees gender equality at work.</p>

Candidate criteria

Education level required	4 - Bachelor degree
Experience level required	Less than 2 years
Languages	English (2- Business fluent)

Requesting party and reason for requisition

Desired start date	02/01/2023
--------------------	------------