

Real Time Group

מרכז להכשרות מקצועיות והשמה בתעשיית ההייטק

- 1- Below you'll find a list of products.
 - a. List all items that can be defined as embedded systems.
 - b. Based on the embedded systems list you created in a – classify each item as NRT (Non-RT), SRT (Soft-RT) and HRT (Hard-RT).
Keyboard.
GPS.
Network Router.
Analog Camera.
Digital Camera.
Missile.
Calculator.
Radar system.
- 2- Explain the term "Cross Platform Development System".
- 3- Explain the terms "Host System" and "Target System" and the relation between them.
- 4- What is the major difference between the code generated by the compiler and the image generated by the linker?
- 5- Describe two methods to transfer image from the host to the target. When will you use each one of them?
- 6- What is the role of the "Boot" part of the Boot Loader and what is the role of the "Loader" part?
- 7- What is the major difference between "Nand" and "Nor" flash memories in respect to the boot sequence.
- 8- Why is volatile memory needed for proper operation of the boot loader?

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