

Subject	Recommendations	Check	Comments
Long-Term Availability	Verify that the SOM has at least 10 years of guaranteed availability from the beginning of your project.		
	Does the SOM vendor provide a formal long-term availability commitment?		
Connectivity	Ensure that the required signals are available.		
	Check that there are no collisions between the functions.		
Configurability	Does the SOM support configurable options?		
	Which configurations are available for evaluation?		
	What is the vendor's policy for producing other configurations?		
Software Packages	Verify that the SOM is provided with full BSP for the O/S you plan to use. Review the supporting documentation		
Design Documents	Review the SOM documentation: datasheet, detailed reference guide, drawings etc.		
	Check the carrier-board design resources: schematics, bill of materials, PCB layout, 3D models		
Power Consumption	Check that the SOM fits within the power budget of your system.		
Heat Dissipation	Will the SOM require a heat-dissipation solution? What are the vendor's recommendations? Can the SOM be ordered with a heat-plate?		
Vendor Reliability	How many years has this company been working with the embedded market?		
	Are System-on-Modules part of the vendor's core business?		
	How many SOM products does this vendor manufacture?		
In-house Manufacturing	Does the vendor use in-house manufacturing?		
Technical Support	How is technical support provided? Does the vendor use a dedicated support portal?		
	Is the support free of charge or charged separately?		
	Can you have direct dialog with the vendor's design engineers?		
	Does the vendor offer schematics design review?		
Certification Support	Does the vendor offer certification support?		
	Is the on-board WiFi/Bluetooth module pre-certified?		