Q928-DISS-1-C-PK

Zoom

Q928-DISS-1-C-PK

QuadMo747-X/i.MX6 Heat Spreader (PASSIVE) for COMM. VERSION and Solo & DualLite INDUSTRIAL Packaged

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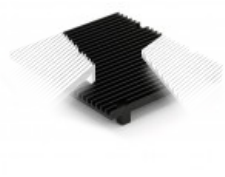
Features

Description	Highly integrated modules like QuadMo747-X/i.MX6 offer very high performance within small dimensions. On the other hand, the miniaturization of ICs and the high operating frequencies of the processors lead to high heat generation that must be dissipated in order to maintain the CPU within its allowed temperature range. The operating temperature specified in the Technical Features of QuadMo747-X/i.MX6 indicates the temperature range in which any and all parts of the heat spreader / heat sink must remain, in order for SECO to guarantee functionality. Hence, these numbers do not necessarily indicate the suitable environmental temperature. The heat spreader is not intended to be a guaranteed standalone cooling system, but should be used only as a supplemental means of transferring heat to another dissipation system (i.e. heat sinks, fans, heat pipes etc). It is the customer's responsibility to design and apply an application-dependent cooling system, capable of ensuring that the heat spreader / heat sink temperature remain within the indicated range of the module. It is an absolute requirement that the customer, after thorough evaluation of the processor's workload in the actual system application, the system enclosure and consequent air flow/Thermal analysis, accurately study and develop a suitable cooling solution for the assembled system. **AVAILABLE FOR:** QuadMo747-X/i.MX6

See also

Q922-DISS-2-PK
QuadMo747-X/T30 Heat Sink (PASSIVE)



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