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(54) **SYSTEMS, DEVICES AND METHODS WITH OFFLOAD PROCESSING DEVICES**

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(57) **ABSTRACT**

A method can include receiving network packets including forwarding plane packets; evaluating header information of the network packets to map network packets to any of a plurality of destinations on the module, each destination corresponding to any of a plurality of services executed by offload processors of the module; configuring operations of the offload processors; and in response to forwarding plane packets, executing operations on the forwarding plane packets; wherein the receiving, evaluation and processing of the forwarding plane packets are performed independent of the host processor. Corresponding systems and methods are also disclosed.