Upstream Linux kernel support for Microsemi switches

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What is demonstrated:
- L2 Forwarding and Policing
- Ingress and Egress Statistics
- Security Enforcement
- VLAN and QoS Classification/Translation
- MPP CPU with DDR3 Controller
- JTAG, SPI
- 22 x GPO: MII, LED, UART, SD, IRQ
- Two-Wire Serial SyncE, 1588, Fan Controller

What was improved:
- Platform support:
  - Interrupts
  - Pin muxing, GPIO
  - UART
  - I2C
  - SPI
- Ethernet switch driver using the switchdev framework supporting hardware offloading of:
  - Bridging
  - STP
  - VLAN
  - IGMP snooping
  - Link aggregation

Standard Linux tools (ip, bridge) are used to configure the switch.

Source code or detail technical information availability:
https://bootlin.com/blog
https://git.kernel.org/