

Instrumentation Drivers - Milestone #20375

Device driver for IOTA DAQ module

07/19/2018 05:18 PM - John Diamond

Status: Assigned	Start date: 07/19/2018
Priority: Normal	Due date:
Assignee: John Diamond	% Done: 87%
Category:	Estimated time: 0.00 hour
Target version:	Spent time: 5.00 hours
Description Should be very similar to BBPM250x12.	
Subtasks: Task # 20376: drvgen specification for IOTABPM250x8 Resolved Task # 20439: Implement DMA readouts for Raw and DSP data regions Work in progress	

History

#1 - 07/19/2018 05:23 PM - John Diamond

- Due date set to 07/19/2018

due to changes in a related task: [#20376](#)

#2 - 07/24/2018 01:10 PM - John Diamond

- Status changed from New to Assigned

- Assignee set to John Diamond

Updated the specification with IRQ definitions received from Alexe -

```
-- vme irq signals map:
vme_inr_irq(0) <= raw_dma_end;
vme_inr_irq(1) <= dsp_dma_end;
vme_inr_irq(2) <= raw_data_ready;
vme_inr_irq(3) <= dsp_data_ready;
vme_inr_irq(4) <= ext_sync(3);
-- ext gate: stop mode signal
vme_inr_irq(5) <= ext_sync(2);
-- ext trigger: injection signal
vme_inr_irq(7 downto 6) <= "00"; -- n/a
```

#3 - 07/25/2018 10:06 AM - John Diamond

- Due date set to 07/25/2018

due to changes in a related task: [#20439](#)