



June 20, 2017

## PRODUT CHANGE NOTICE

**PCN #: 06207-UPO PCN**

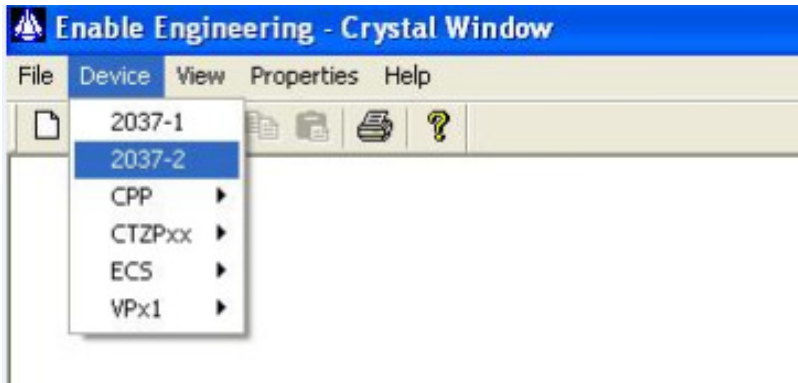
**Description and Purpose of Change:** Due to a die change the original UPO Blank Oscillator, the original P/N has been discontinued. The replacement part is a direct replacement but requires a change in program configuration file.

**Products Affected:**

ECS Model Number (Discontinued)	ECS Model Number (Replacement)	Programmed Part (No Change)
ECS-UPO-3X5	ECS-UPO-3X5-2	ECS-P53/P55
ECS-UPO-5X7	ECS-UPO-5X7-2	ECS-P73/P75
ECS-UPO-8PIN	ECS-UPO-8PIN-2	ECS-P83/P85
ECS-UPO-8PINX	ECS-UPO-8PINX-2	ECS-P83X/P85X
ECS-UPO-14PINX	ECS-UPO-14PINX-2	ECS-P143X/P145X

**Reliability/Qualification Summary:** There will be no impact to the Quality and Reliability.

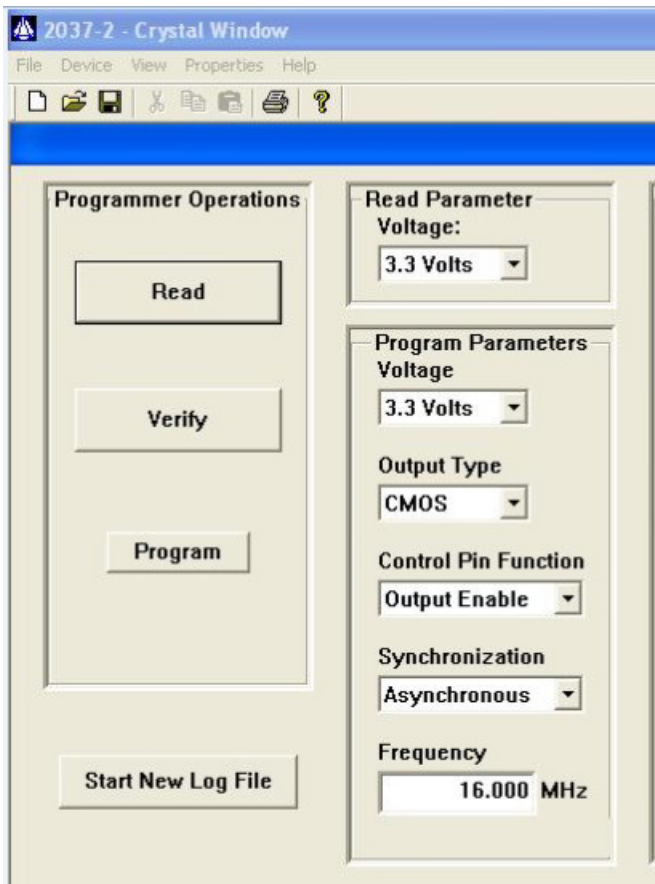
**Detail of Change:** With the Replacement Blank (-2), there is a change to the programming configuration. The device selected will be 2037-2, see below.



Using the 2037-2 Device setup (Figure 2), the operator will select the following Parameters depending on the specification requested.

Read Parameter Voltage: 3.3V or 5V (Customer specified)
Voltage: 3.3V or 5V (Customer specified)
Output Type: Select CMOS
Control Pin Function: Output Enable
Synchronization: Asynchronous
Frequency: (Customer specified)

Figure 2, Device setup



Once Device Setup up is configured per customer P/N select Program.

We thank you for your understanding and patience during this transition. If you have question or need technical support please direct your inquires to ECS Technical support [engineering@ecsxtal.com](mailto:engineering@ecsxtal.com)

Respectfully

Dan Kelly/Director of Engineering

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