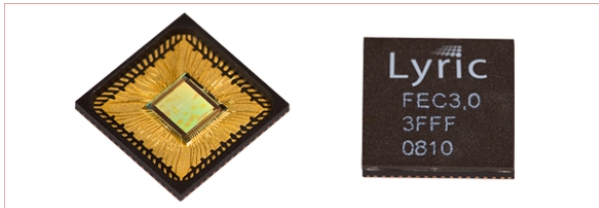


The Probability Of A Better Chip

Written by Marco Attard
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Digital computer chips think in 2 ways - yes or no. Lyric Semiconductor's "**probability processor**" adds "quite often" and "very rarely" - meaning it potentially does a much better job than Intel or AMD's products.



Lyric claims its LEC specialised flash memory processor offers 30X reduction in size and a 12X improvement in power consumption. It is based on 10 years' worth of research by MIT and Lyric.

Today's world requires more predictions based on behaviour changes, from traffic route prediction to deciding whether an email is spam or not. Traditional chips are not enough to solve real life problems, says Lyric.

Lyric is working on the GP5 Probability Processor. It will be able to perform such probability calculations 1000X more efficiently than a CPU. This chip won't replace CPU's but complements them like current graphic and audio processors. This could become a standard component like today's GPUs.

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