"Apple's new Lightning connector introduced on the iPhone 5... 
...the new Lightning connector uses adaptive technology to enable 
it to perform a variety of functions with just eight contact pins, 
dynamically assigning pin functions to suit a given situation."

"... is whether Apple has also incorporated some sort of 
authentication functionality into the handful of chips found inside 
the Lightning connector assembly in 
order to inhibit third parties from 
manufacturing unlicensed cables."

"Chipworks has now taken a closer 
look at the chips found inside the 
Lightning to USB cable, highlighting 
a Texas Instruments (TI) chip that 
seems "likely" to include a security 
feature. While the exact "BQ2025" 
chip used in the cable is not 
documented in TI datasheets,..."

Source: MacRumors, October 15, 2012, 
"Apple's Lightning Cable Contains TI Chip 'Likely' to 
Have Security Features"