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Samsung SDI introduces curved battery for wearable devices

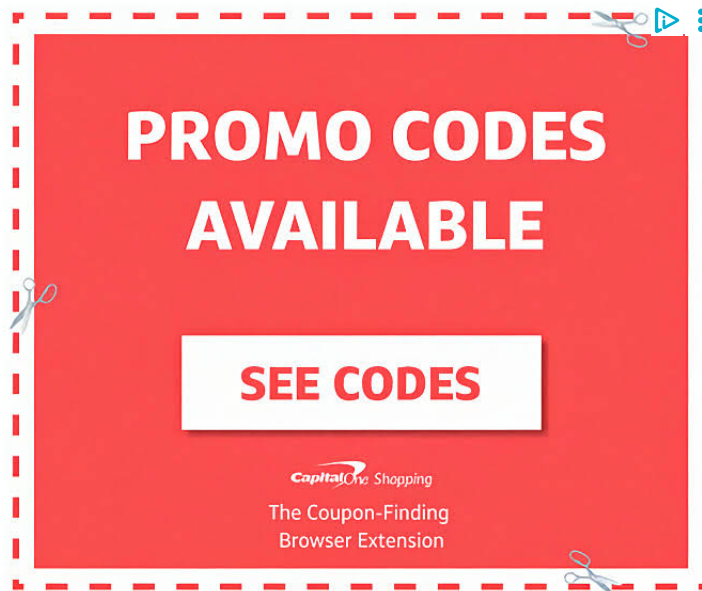




Samsung SDI has unveiled its new curved battery for wearable devices. The 210 mAh battery is the world's largest capacity battery in a wearable device and would offer significantly longer battery life compared to its rivals., says Samsung. The Samsung Gear Fit that was [launched](#) worldwide last week uses a similar curved battery that promises up to 5 times more battery life.



This uses new battery lamination technology in a tiny cell, that is the industry's first implementation of a curved design and also uses V-bending technology to increase the capacity through increased energy density in such a compact size.



Lee Kyung-sang, a company official said

As the global market for smartbands is anticipated to expand sharply in the near future, Samsung SDI will continue to make efforts to become the No. 1 player in the smartband batteries market.

Other Korean manufacturer LG has its own division, LG Chem that [started mass producing curved batteries](#) for smartphones, watches and glasses with a flexible screen last year. We saw the LG G Flex with a curved battery and the [LG Lifeband Touch](#) is also likely to use a curved battery.

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