

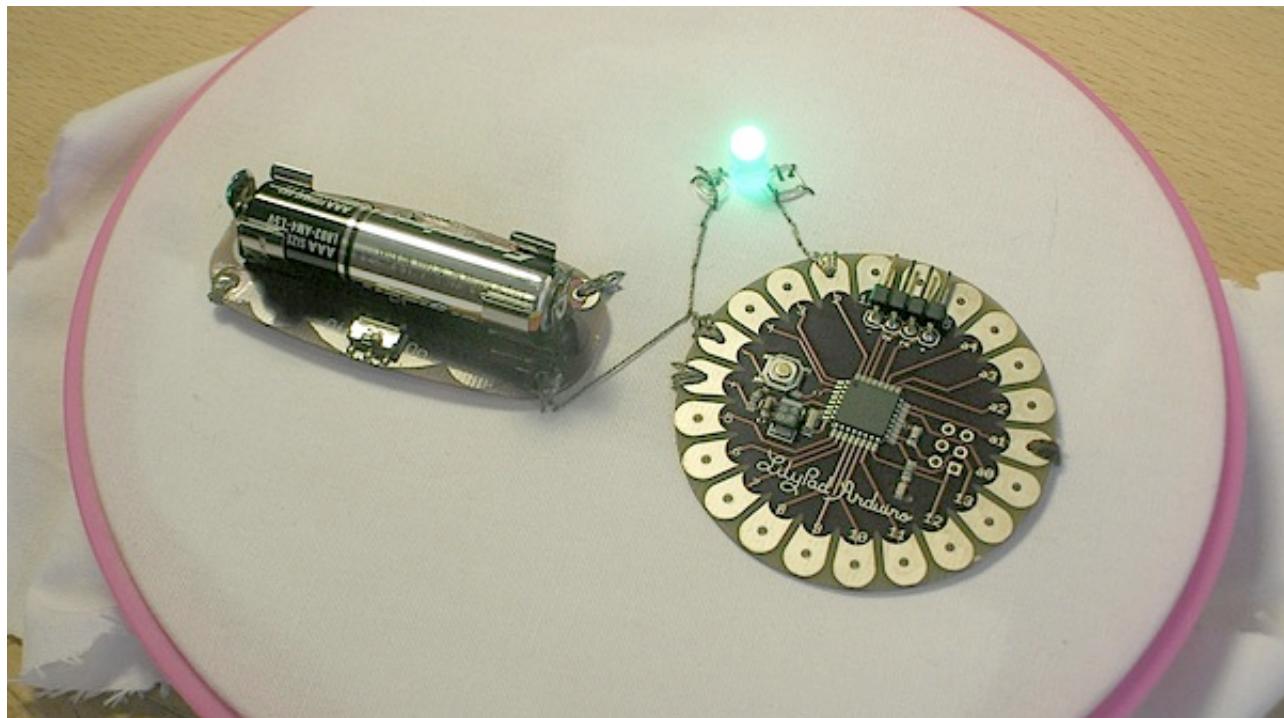
Geek Chic: Massive e-textiles roundup!

By [Becky Stern](#) Posted 2010/04/06 @ 11:19 am Category [Craft](#) Comments [4](#)



In celebration of our Geek Chic month here at MAKE, we're bringing you the most massive collection of e-textiles ever to be found in one place!

Tutorials and Projects



[CRAFT Video: LilyPad Arduino 101](#)



Soundie the touch-sensitive hoodie



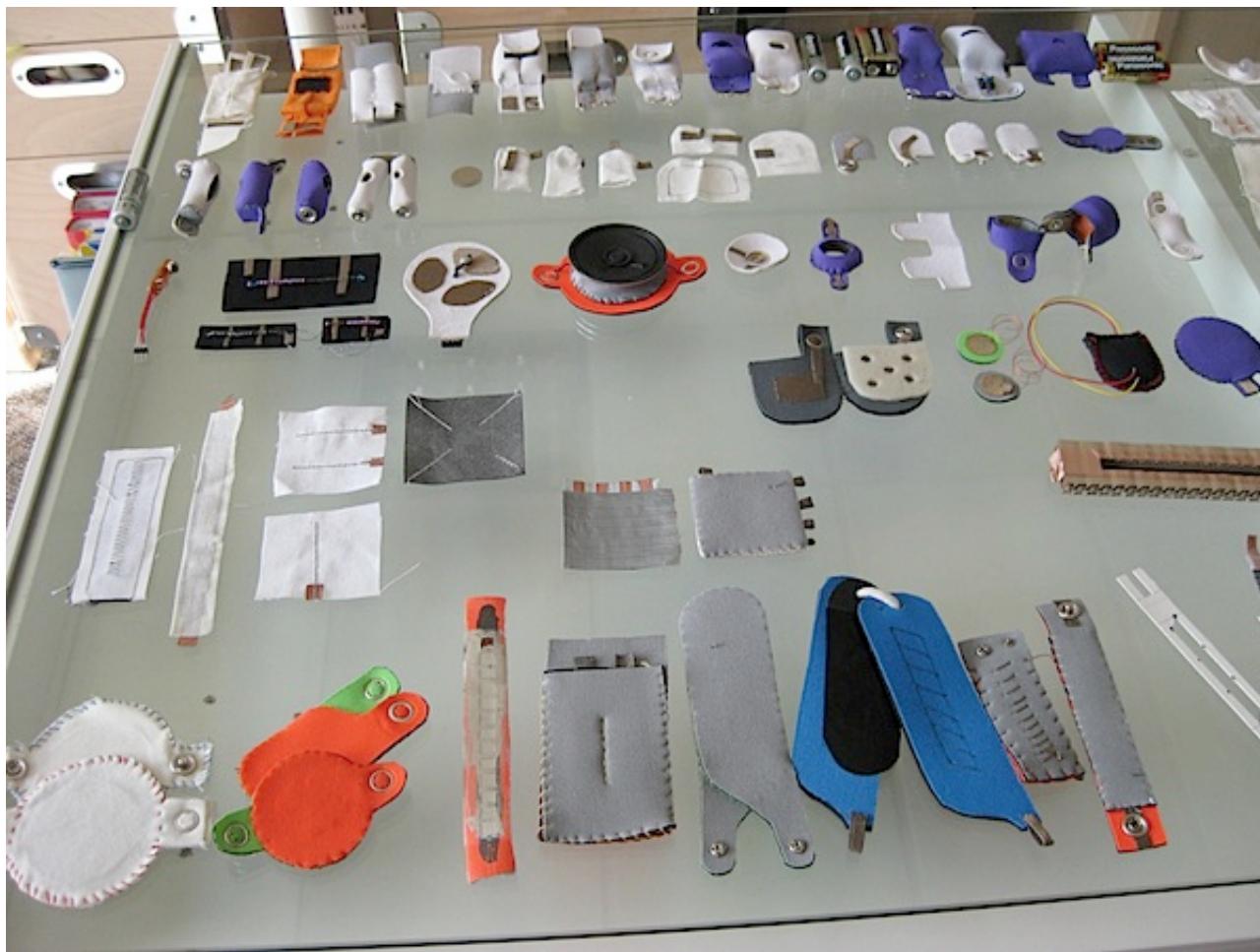
Diana Eng's [LED Nightlife Necklace](#)



EMSL's soft circuit merit badge



LED Firefly Baby Booties



Hannah Perner-Wilson's many sensor tutorials! Also an [interview!](#)

- [Stroke sensor](#)
- [Conductive fabric pressure sensor](#)
- [Conductive thread pressure sensor](#)
- [Stretch sensitive bracelet](#)
- [Crochet sensors](#)
- [Soft tilt-sensing bracelet](#)
- [Neoprene bend sensor](#)
- [Embroidered potentiometers](#)
- [Knit stretch sensor](#)



CRAFT Video: LilyPad Arduino Blinking Bike Patch

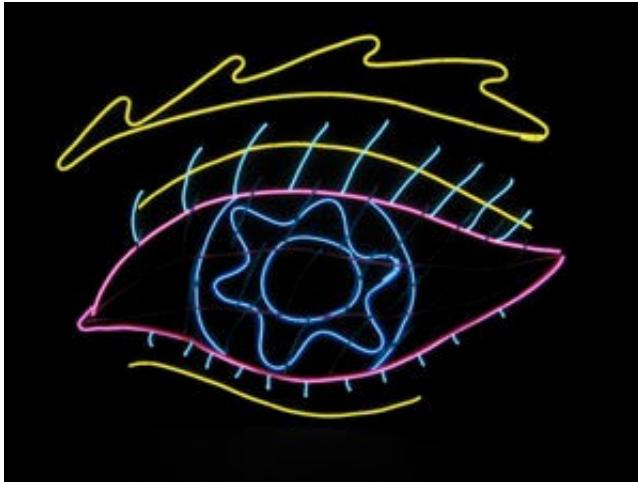


[Open Softwear Free E-Book](#)

Craft meets tech at MIT

That's just the tip of the iceberg — read on for the rest, including books, kits, and more projects! Please drop us a link to your e-textile project in the comments!

Fairytale Fashion Show: Close Up



[EL wire primer in MAKE Volume 21](#)

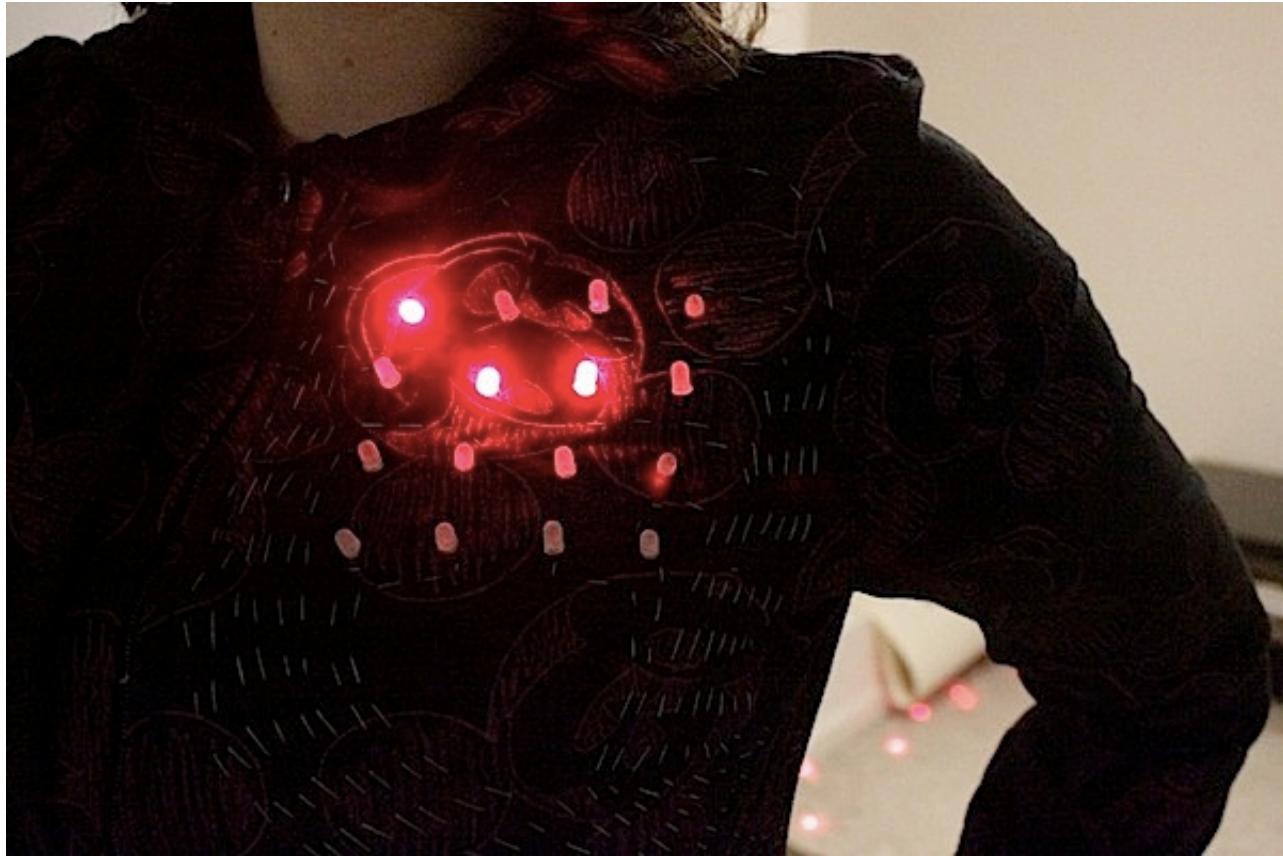


[TV-B-Gone Hoodie](#) (look for an updated version of this tutorial in the upcoming
MAKE, Volume 23)

Hilarious [secret handshake from the future](#)



Electric Tank Top



EKG-controlled Game of Life hoodie

Radio Rug Uses Human Antenna



LIGHT IT

[Electronic Embroidery – CRAFT Video](#) and [article](#) in [CRAFT Volume 09](#)



"See-thru-me" Light Shirt



Turn Signal Bike Jackets



Cross-Stitch Stylophone

Email-Counting Shirt

LED Kimono

OLEDs may still have a long way to go, but here's an [OLED dress!](#)

Books

Fashion Geek by Diana Eng

Fashioning Technology by Syuzi Pakhchyan – [video preview on CRAFT](#)

Fashionable Technology by Sabine Seymour – [inside look on MAKE](#)

Switch Craft by Alison Lewis and Fang-Yu Lin – [review on CRAFT](#)

Kits

LilyPad E-Sewing Kit – great if you need a LOT of conductive thread and want super-flat LEDs (\$39.95 in the Maker Shed)

LED Sewing Kit – similar to above, but just enough conductive thread to make your first project rock (\$15 in the Maker Shed)

Techno-Shugei Kit – same as the LED Sewing Kit, but without the battery holder, and sold in Japan

[LilyPad Pro Kit](#) – extend the kits above with some computational power! (\$49.95 in the Maker Shed)

Aniomagic Soft iPhone/iPod Touch Remote Kit – includes a special connector that makes a DIY remote super easy!

Conductive Booster Pack – full of some more fun conductive fabrics, and other goodies! (\$45 in the Maker Shed)

Be sure to watch Make: Online's [wearables archive](#), and also the [soft circuits](#) and [fashion tech](#) archives on CRAFT!

Becky Stern is head of wearable electronics at Adafruit Industries. Her personal site: sternlab.org

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Sternlab // Adafruit Industries

4 RESPONSES TO GEEK CHIC: MASSIVE E-TEXTILES ROUNDUP!

nerdbot2085 on April 24th, 2010 at 7:11 pm said:

This is my first attempt at wearable electronics. It is an Open Heart Kit attached with magnetic snaps to the chest of a hoodie. The zipper is used a the switch to start the LED light show.

<http://www.instructables.com/id/Open-Heart-Hoodie/>

Reply ↓

Pingback: [I Code.Replugged](#)

Pingback: [OMG! Heart » Conductive Thread for the Crafty Techy](#)

Pingback: [Smart Knits](#)