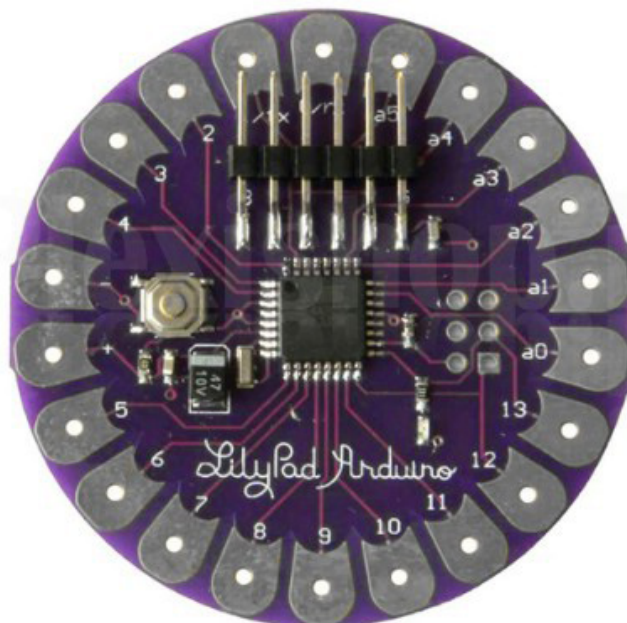


#### 4.Arduino LilyPad

Arduino LilyPad platformasi (1.4-rasm) kiyim-kechak sifatida foydalanish uchun mo'ljallangan. U integratsiya qilingan quvvat manbalari, sensorlar va kabellar bilan ishlaydigan drayvlar bilan mato ichiga tikilishi mumkin. Platforma ATmega168V mikrokontrollerdan tashkil topgan.



1.4-rasm Arduino LilyPad

<b>Mikrokontroller</b>	ATmega168 yoki ATmega328
<b>Ishlash kuchlanishi</b>	2,7-5,5V
<b>Kirish kuchlanishi</b>	2,7-5,5V
<b>Raqamli kirish/chiqish</b>	14(Ulardan 6 tasi PWM chiqishi sifatida ishlatilishi mumkin)
<b>Analogli kirishlar</b>	6
<b>Doimiy to'k oqimi</b>	40 mA
<b>kirish / chiqish orqali</b>	
<b>Flesh-xotira</b>	16 KB (ATmega168) yoki 32 KB (ATmega328), (2 - yuklash uchun ishlatilgan)
<b>Tezkor xotira</b>	1 KB (ATmega168) yoki 2 KB (ATmega328)
<b>EEPROM</b>	512 bayt (ATmega168) yoki 1 KB (ATmega328)
<b>Taktiviy chastota</b>	16 MGts

1.3-jadval Arduino LilyPad xususiyatlari