NFC – (Google supported – N.A.) – Apple Pay

* Phones supported:
  + Nokia 6131
  + Google Nexus S
  + BlackBerry 9900/9930
  + Samsung Galaxy S II
  + Nokia Astound (C7)
  + HTC Stunning
  + Optimus Net (LG)
  + Windows Phone 8
* For phones without an NFC chip embedded, use SD or SIM cards
* iPhone 6 has NFC chips embedded, but only works with Apple Pay
  + Became dominant NFC payment method within first week of release
* Advantages:
  + Passive RFID stickers can be placed on products
  + Only receiver needs power, the tag receives power from the receiver
  + Secure
  + Added security layer – fingerprint recognition
* Disadvantages:
  + Slow adoption so far

Sound Wave Payment – Zoosh / Alipay Wallet

* Advantages:
  + No extra chips or hardware are needed from the customer
  + No bankcard or credit cards are stored on the phone app
  + No Service Providers needed
  + Similar speed to NFC
  + Any phone will work with the software \*\*\*
  + Can use proximity indicators to heighten security
  + Slightly larger reception area (3-4 feet)
* Disadvantages
  + Both sender and receiver need a power supply
  + 100% transmission accuracy not achieved yet
  + Requires the user to play a sound clip to use

FeliCa

* Popular in Japan
* Slightly larger range than NFC (10cm)
* Used mostly for digital coupons / vouchers / etc
* Compatible with NFC
* 13.56 MHz

http://www.theverge.com/2014/9/16/6204999/iphone-6-nfc-chip-locked-to-apple-pay#ooid=JrcHI3cDo6P9WbwZtLPsrmN47s3xpkL-

http://www.nearfieldcommunication.org