

1. Record Nr.	UNINA9910790619803321
Autore	Robinson Andrew
Titolo	Raspberry Pi Hardware projects . Volume 1 // Andrew Robinson and Mike Cook
Pubbl/distr/stampa	Chichester, England : , : Wiley, , 2013 ©2013
ISBN	1-118-58894-0 1-118-72391-0
Descrizione fisica	1 online resource (116 p.)
Altri autori (Persone)	CookMike
Disciplina	004.1675
Soggetti	Raspberry Pi (Computer) - Programming
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Contents at a Glance; Introduction; Chapter 1: Test Your Reactions; Welcome to the Embedded World!; Obtaining Components; Setting up PiFace Digital; Connecting PiFace Digital; Using the Emulator; Interfacing with Python; The Reaction Timer; What Will You Interface?; Chapter 2: The Twittering Toy; Hacking the Toy; Making It Talk; Making It Move; Connecting to Twitter; Putting It All Together; Wrapping Up; Chapter 3: Disco Lights; Defining Your Sequence; Getting the Code to Do More; A Small Detour into Theory; Designing the Sequencer; Implementing the Sequencer; The Lights Using Longer Strip Lights Making the Lights Move; Designing the Circuit; Building the Circuit; Running the Circuit; Over to You; Appendix A: Getting Your Raspberry Pi Up and Running; The Operating System; Connecting Your Raspberry Pi; The Boot Process; Starting the Graphical Desktop; Starting a Terminal under X; Troubleshooting; Let the Fun Begin!; Appendix B: Introductory Software Project: The Insult Generator; Running Your First Python Program; Saving Your Program; Generating an Insult; Insult Your Friends by Name!; Create a Stream of Insults!; Putting It All Together
Sommario/riassunto	Learn how to take full advantage of all of Raspberry Pi's amazing features and functions-and have a blast doing it! Congratulations on becoming a proud owner of a Raspberry Pi, the credit-card-sized

computer! If you're ready to dive in and start finding out what this amazing little gizmo is really capable of, this ebook is for you. Taken from the forthcoming Raspberry Pi Projects, Raspberry Pi Hardware Projects 1 contains three cool hardware projects that let you have fun with the Raspberry Pi while developing your Raspberry Pi skills. The authors - PiFace inventor
