

1. Record Nr.	UNINA9910864189803321
Autore	Lau John H
Titolo	Flip Chip, Hybrid Bonding, Fan-In, and Fan-Out Technology // by John H. Lau
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2024
ISBN	981-9721-40-7
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (515 pages)
Disciplina	621,381
Soggetti	Electronics Solid state physics Lasers Optics Electronics and Microelectronics, Instrumentation Electronic Devices Laser Technology Optics and Photonics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	-- Flip Chip Technology -- Cu-Cu Hybrid Bonding -- Fan-In Technology -- Fan-Out Technology -- Chiplet Communications (Bridges) -- Co-Packaged Optics.
Sommario/riassunto	This book focuses on the design, materials, process, fabrication, and reliability of flip chip, hybrid bonding, fan-in, and fan-out technology. Both principles and engineering practice have been addressed, with more weight placed on engineering practice. This is achieved by providing in-depth study on a number of major topics such as wafer bumping, flip chip assembly, underfill and reliability, chip-to-wafer, wafer-to-wafer, Cu-Cu hybrid bonding, WLCSP, 6-side molded WLCSP, FOWLP such as hybrid substrates with PID, ABF, and ultra-large organic interposer, the communications between chiplets and heterogeneous integration packaging, and on-board optics, near-package optics, and co-packaged optics. The book benefits researchers, engineers, and graduate students in the fields of electrical engineering, mechanical engineering, materials sciences, industry engineering, etc.

2. Record Nr.	UNIORUON00226031
Autore	MADARIAGA, Salvador : de
Titolo	Caduta dell'impero Ispano-americano / Salvador de Madariaga ; traduzione dall'inglese di Cristiana Barzan ; revisione di Claudio Stroppa
Pubbl/distr/stampa	Milano, : Dall'Oglio, stampa 1965. 559 p., 23 p. di tav. ; 23 cm.
Disciplina	980.02
Soggetti	America latina - Storia - Sec. 17.-18
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia