Contents

1 CAN Basic Architectures 1
Wolfhard Lawrenz

2 Physical Layer 41
Wolfhard Lawrenz, Cornelius Butzkamm, Bernd Elend, Thorsten Gerke, Magnus-Maria Hell, Ursula Kelling, Bernd Koerber, Kurt Mueller, Christian Schmitz, Radoslaw Watroba and Rolf Weber

3 Data Link Layer Implementation 131
Wolfhard Lawrenz, Florian Hartwich, Ursula Kelling, Vamsi Krishna, Roland Lieder and Peter Riekert

4 Higher Level Protocols 173
Gangolf Feiter, Lars-Berno Fredriksson, Karsten Hoffmeister, Joakim Pauli and Holger Zeltwanger

5 Applications 255
Guenter Reichart, Gabriel Leen, Nathalie Courmont, Ralph Knüppel, Christian Schmid and Markus Brockmann

6 Testing 283
Wolfhard Lawrenz, Federico Cañas, Maria Fischer, Stefan Krauß, Lothar Kukla and Nils Obermoeller

Bibliography 345

Index 351

http://www.springer.com/978-1-4471-5612-3

CAN System Engineering
From Theory to Practical Applications
Lawrenz, W. (Ed.)
2013, XXV, 353 p. 186 illus., Hardcover
ISBN: 978-1-4471-5612-3