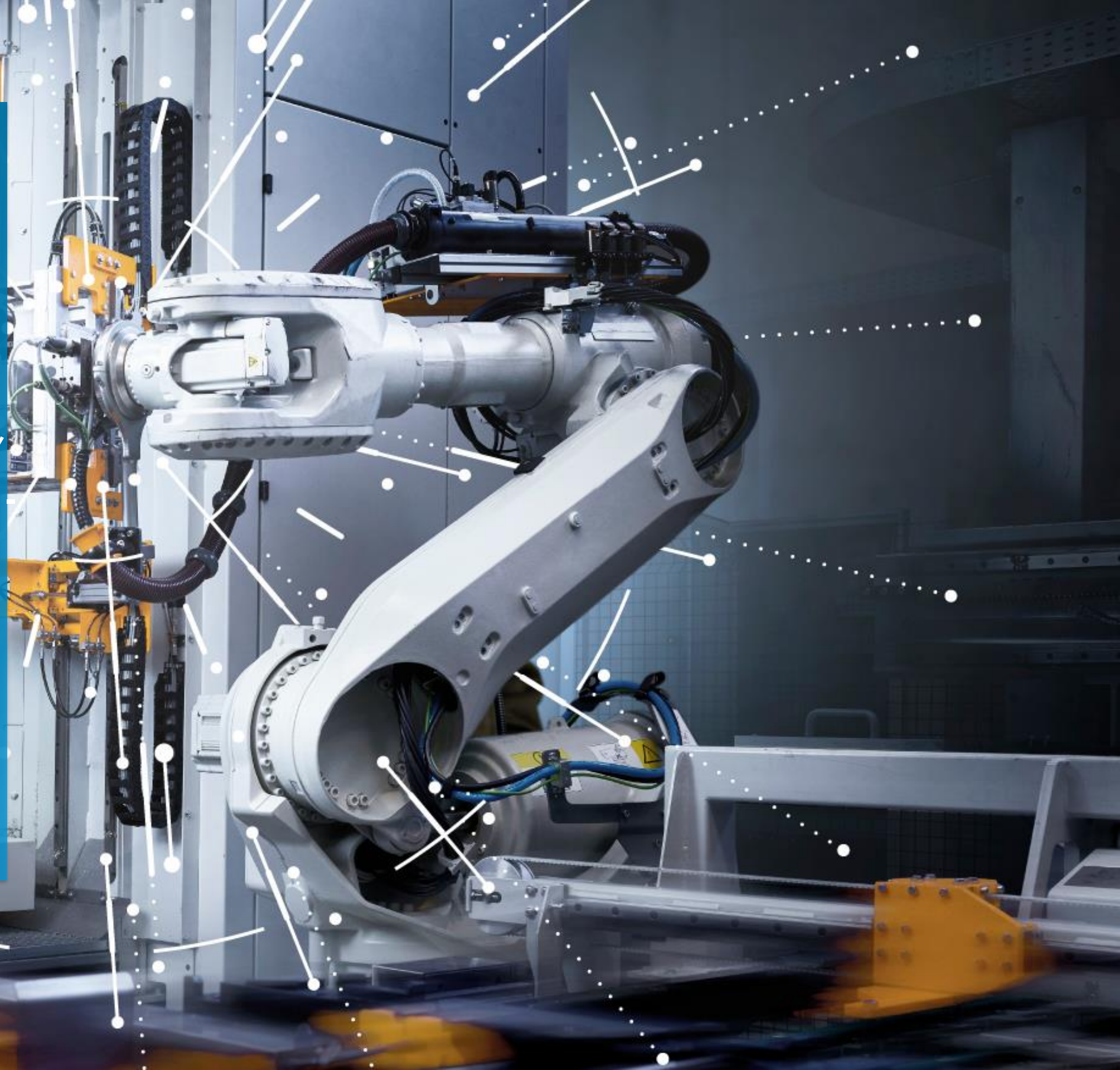


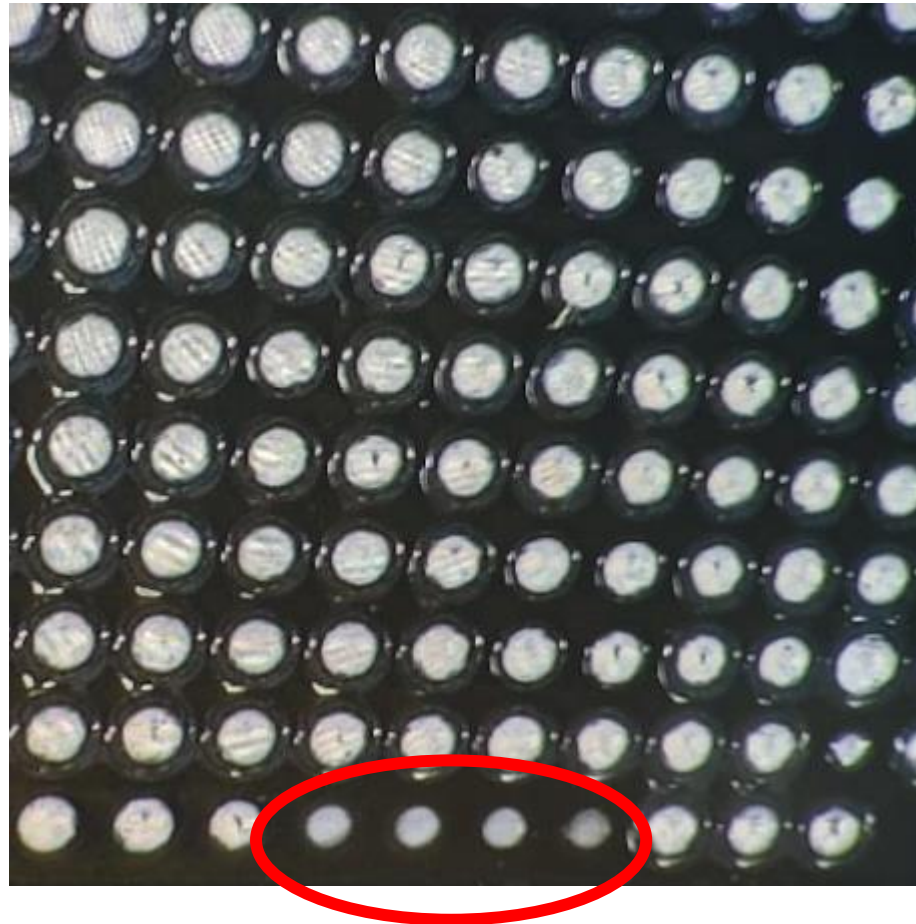


Ciena IC - Incoming issue

- Part # - CIE-080-1876-001
- Part Description - IC, FPGA, CYCLONE V, 77K LE, 6 TRANS, 336 GPIO, 672 BALL FBGA, 40/100C, MID SPD 7
- Location - U27
- Issue - Ball Missing



IC Ball damage



The screenshot shows a defect analysis software interface. The main window displays a grid of solder balls with a red circle highlighting a specific area. The right-hand side of the interface shows a detailed table of defects.

Status	Component	Defect	Risk	Measurement	Measurement Value	Repair Action	Comment	Operator	Tech...
100	top11071237	Insuff...		Percent of Nominal Thickness, Percent of Nominal Diameter, Percent of Nominal Thickness, Percent of Nominal Diameter, Region Outlier, Neighbor Outlier, Neighbor Outlier	25.050228 percent, 55.44824 percent, 29.054229 percent, 58.775444 percent, 60.407043 percent, 46.20007 percent, -10.02874 meter (Quarter Range: -24.809295 inch)			Admin(C..._admin)	
100	top11071281	Insuff...		Percent of Nominal Thickness, Percent of Nominal Diameter, Percent of Nominal Thickness, Percent of Nominal Diameter, Region Outlier, Neighbor Outlier	17.836682 percent, 40.162466 percent, 17.836682 percent, 54.547993 percent, 11.220154 percent, 70.00000 percent, -8.20000 meter (Quarter...			Admin(C..._admin)	
104	top11071300	Insuff...		Percent of Nominal Thickness, Percent of Nominal Diameter, Percent of Nominal Thickness, Percent of Nominal Diameter, Region Outlier, Neighbor Outlier	12.43411 percent, 52.45101 percent, 52.45101 percent, 58.0217 percent, 58.04518 percent, 74.04287 percent, 4.975226 meter (Quarter...			Admin(C..._admin)	
100	top11071319	Insuff...		Percent of Nominal Thickness, Percent of Nominal Diameter, Percent of Nominal Thickness, Percent of Nominal Diameter, Region Outlier, Neighbor Outlier	18.90170 percent, 47.20132 percent, 18.90170 percent, 55.27032 percent, 51.59662 percent, 44.842285 percent, -45.19171 meter (Quarter Range: -17.47328 inch)			Admin(C..._admin)	
106	top110221	Insuff...		Percent of Nominal Thickness, Percent of Nominal Diameter, Percent of Nominal Thickness	8.7 percent, 18.02783 percent, 8.0 percent			Admin(C..._admin)	
107	top110222	Open	Excessive...		2.4817546 MM			Admin(C..._admin)	
108	top110223	Open	Excessive...		1.01941 MM			Admin(C..._admin)	
109	top110224	Open	Region Outlier		87.25177 percent			Admin(C..._admin)	
110	top110225	Open	Excessive...		2.117184 MM			Admin(C..._admin)	
111	top110226	Open	Excessive...		1.908249 MM			Admin(C..._admin)	

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Thank you

