





	The Avezzano Fab History
IDM* model	 1989 - 6 inch, DRAM, Texas Instruments 1994 - 8 inch mini line DRAM 1998 - acquired by Micron Technology 2001 - complete 8 inch conversion 2004 - record efficiency and stability 2005 - image sensor line installation 2006 - CMOS Imager Sensors (CIS) development and production
Foundry	 2008 - creation of Aptina Imaging → 1st foundry customer 2013 - leveraged buy out to a joint venture between LFoundry Europe Gmbh (German entity) and Marsica Innovation spa. (Italian entity) 2014 - reorganization to new LFoundry srl 2016 - acquisition of 70% of the shares by SMIC from the two German and Italian owners
LFoundry S.r.l. All rights reserved.	* IDM = Integrated Device Manufacturer 4

	Key Feature
Avezzano Fab Capability	65nm Smallest Litho Feature 90nm Volume Production Al and Cu Metallization
Basic FOT CMOS Platform	Technology Nodes: 150nm 110nm
Technology Specialization	Optical Sensors (CIS, Discrete PD, SiPM) Analog and Mixed Signal Smart Power (LDMOS)
Special Modules	Back-side Process Wafer Thinning and Stacking Lithographic Stitching







4









































14









