





	The Avezzano Fab History
٢	- 1989 - 6 inch, DRAM, Texas Instruments
	1994 - 8 inch mini line DRAM
	1998 - acquired by Micron Technology
IDM*	2001 - complete 8 inch conversion
model	2004 - record efficiency and stability
	2005 - image sensor line installation
	2006 - CMOS Imager Sensors (CIS) development and production
	$\pm$ 2008 - creation of Aptina Imaging → 1st foundry customer
	2013 - leveraged buy out to a joint venture between LFoundry Europe Gmbh (German entity) and
Foundry	Marsica Innovation spa. (Italian entity)
moder	2014 - reorganization to new LFoundry srl
	2016 - acquisition of 70% of the shares by SMIC from the two German and Italian owners
oundry S.r.I. 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







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