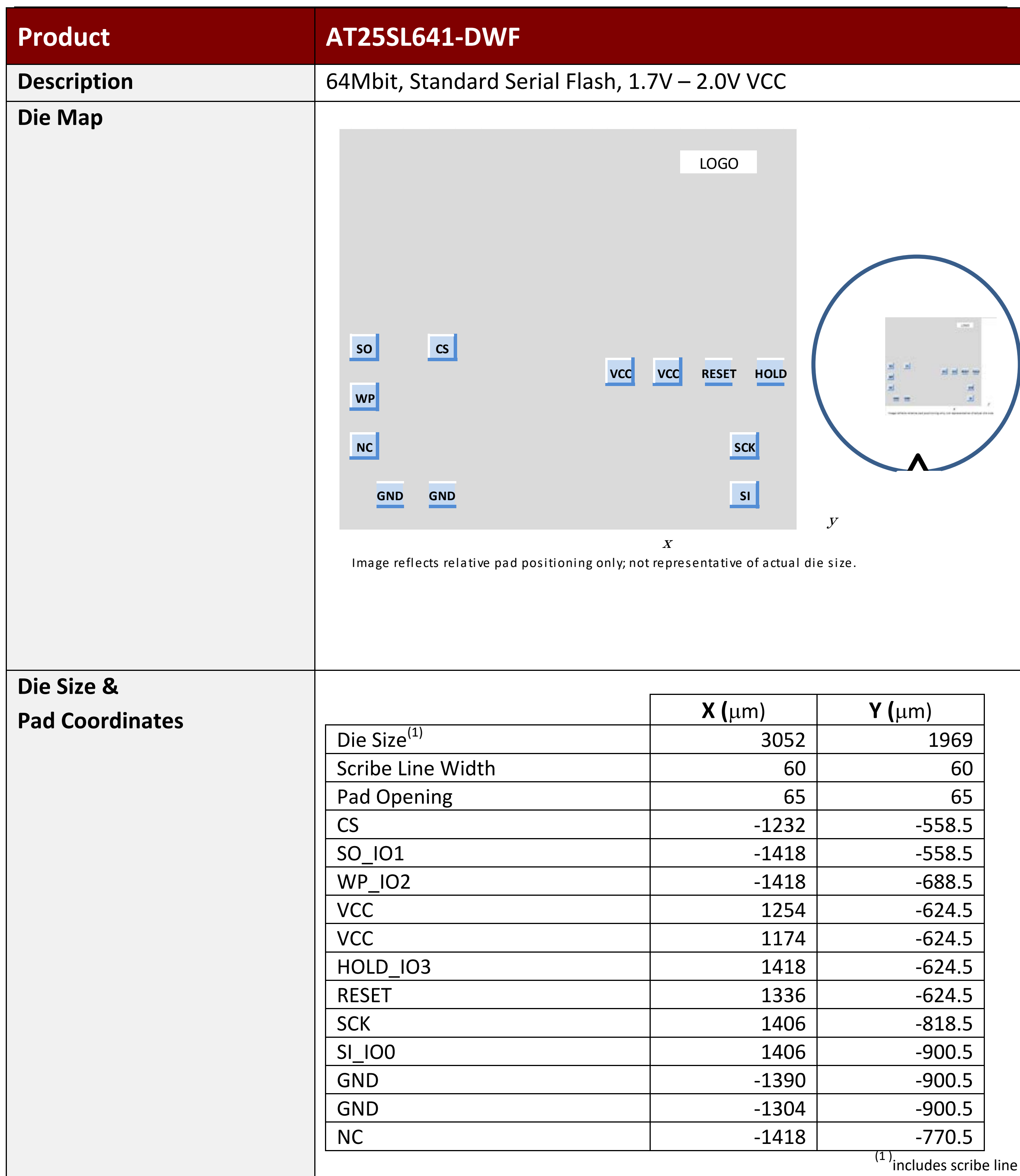
WAFER PRODUCT DATASHEET (ADDENDUM)



Product	AT25SL641-DWF
Description	64Mbit, Standard Serial Flash, 1.7V – 2.0V VCC
Die Map	

Image reflects relative pad positioning only; not representative of actual die size.

Die Size & Pad Coordinates

	X (µm)	Y (µm)
Die Size(1)	3052	1969
Scribe Line Width	60	60
Pad Opening	65	65
CS	-1232	-558.5
SO_IO1	-1418	-558.5
WP_IO2	-1418	-688.5
VCC	1254	-624.5
VCC	1174	-624.5
HOLD_IO3	1418	-624.5
RESET	1336	-624.5
SCK	1406	-818.5
SI_IO0	1406	-900.5
GND	-1390	-900.5
GND	-1304	-900.5
NC	-1418	-770.5

(1) includes scribe line

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Technical Details	
Adesto Product Family	Standard Flash
Density	64 Mbit
Operating Vcc	1.7V - 2.0V
ESD	JESD22-A114
Delivery Option	Wafer- unsawn
Wafer Size (mm)	300 mm
Process Geometry (nm)	90 nm
Die ID	25M64
Wafer Map	Electronic- text file
Wafer Thickness (µm) Maximum	800
Back Grind Options	None / Contact Adesto
Back Plane Connection	Floating / Not Required
Backside preparation / metallization	None
Bond wire qualified	AU ☐ CU ☐ AG ☒
Passivation Material	PETEOS + SiON
Passivation Thickness (Å)	11000
Bond Pad Material	TaN/AlCu
Bond Pad Thickness (Å)	9500
Active Circuits underneath the bond pad	Yes

[1] Average value; subject to change without notice.

Part Number Ordering Code	Operating Temperature Range	Functional Specification
AT25SL641-DWF	-40°C to 85°C	http://www.adestotech.com/wp-content/uploads/AT25SL641_113.pdf

Revision Level – Release Date	History
A – August 2017	Initial release.

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