

UMC technology options for general MPW runs

Regular runs	Metallization	Core	IO	MIM	Topmetal	Special remarks
UMC LI80 EFLASH Logic GII	max. 2P6M	1,8V	3.3V	/	8kA	Please get in touch with us for the EEFASH macro information.
UMC LI80 Mixed-Mode/RF	max. 1P6M	1,8V	3.3V	1fF	8kA/12kA/ 20kA	Redistribution and bumping on request.
UMC LI80 Logic GII	max. 1P6M	1,8V	3.3V	1fF	8kA	Redistribution and bumping on request.
UMC LI10AE Logic/Mixed-Mode/RF	max. 1P8M	1.2V	1.8V/2.5V/ 3.3V/5V	1fF/ 1.5fF/2fF	8kA/12kA/ 20kA/40kA	Metallization is Aluminium. 5V device possible! HS, LL, SP can be combined.
UMC 55N Logic/Mixed-Mode/RF - SP	max. 1P10M	1.0V & 1.1V	1.8V/2.5V/ 2.5V_OD3.3V/3.3V	2fF	8kA/32.5kA	Metallization recommendation on request. Redistribution to Aluminium.
UMC 65N Logic/Mixed-Mode/RF - LL	max. 1P10M	1.2V	1.8V/2.5V/ 2.5V_OD3.3V/3.3V	2fF	8kA/32.5kA	Metallization recommendation on request. Redistribution to Aluminium.*
UMC 40N Logic/Mixed-Mode - LP	max. 1P11M	1.1V & 1.2V	1.8V/2.5V	/	8kA/12.5kA/ 34kA	Metallization recommendation on request. Redistribution to Aluminium.
UMC 28N Logic/Mixed-Mode - HPC	max. 1P11M	0.9V	1.8V/2.5V	/	8kA/12kA/ 32.5kA	Metallization recommendation on request. Redistribution to Aluminium.

* 6x (H) metal in development. Please contact epumc@imec.be if you use this option.