

UMC 2019年班车表

Technology Process (Core/IO)	2019 Shuttle Code/Fab/Process Availability											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
14nm (1P13M4I2T2F2G)												
FFC (0.8V/1.8V + HVT/SVT/LVT/uLVT)												
28nm (1P11M2T2H)		L281902 FAB12A			L281905 FAB12A X281904 USCXM		L281907 FAB12A	X281908 USCXM			L281911 FAB12A	X281912 USCXM
HLP (1.05V/1.8V, 1.05V/2.5V + LVT/RVT/HVT)		✓			✓		✓	✓			✓	✓
HPC+ (0.9V/1.8V, 0.9V/2.5V + uLVT/LVT/RVT/HVT/uHVT/eHVT)		✓			✓		✓	✓			✓	✓
HPC (0.9V/1.8V, 0.9V/2.5V + uLVT/LVT/RVT/HVT/uHVT)		✓			✓		✓	✓			✓	✓
LPT (1.05V/1.8V + LVT/RVT)		✓			✓		✓	✓			✓	✓
40nm (1P11M2T2H)	L401901 FAB12A	X401902 USCXM	S401903 FAB12i		L401905 FAB12A	X401906 USCXM	S401907 FAB12i		L401909 FAB12A		X401911 USCXM	S401912 FAB12i
40nm EFLASH(1.1V/0.9V LVT/RVT/HVT + 0.9V eLVT/eHVT + 2.5V (2.5V/OD3.3V/UD1.8V + 12V (12V/UD5V))							✓					✓
40nm HV :(core1.1V/(IO: 6V HV:32V),(IO: 8V HV:32V),(IO: 8V HV:20V))	✓	✓	✓		✓	✓	✓		✓		✓	✓
40LP (1.1V / 1.8V(UD1.5V), 2.5V(UD1.8V/OD3.3V))	✓	✓	✓		✓	✓	✓		✓		✓	✓
40uLP [1.1V/0.9V (uLVT/LVT/RVT/HVT) + 2.5V(UD_1.8V/OD_3.3V) + 0.9V(eHVT,eLVT)]	✓	✓	✓		✓	✓	✓		✓		✓	✓
55/65nm (1P10M2T2F)	S651901 FAB12i		L651903 FAB12A	S651904 FAB12i			S651907 FAB12i	L651908 FAB12A		S651910 FAB12i		L651912 FAB12A
65nm SP (1.0V/ 2.5V, 3.3V) (*1)	✓			✓			✓			✓		
65nm SP (1.0V/ 2.5V(OD_3.3V))			✓					✓				✓
65nm LL (1.2V/ 1.8V, 2.5V(OD_3.3V) , 3.3V) (*2)	✓		✓	✓			✓	✓		✓		✓
65nm LP (1.2V/ 2.5V(UD_1.8V/OD_3.3V)) (*3)	✓		✓	✓			✓	✓		✓		✓
65nm LL URAM (1.2V/ 2.5V(OD_3.3V), 3.3V)			✓	✓			✓	✓				✓
55nm SP (1.0V / 2.5V(OD_3.3V), 3.3V)	✓		✓	✓			✓	✓		✓		✓
55nm LP (1.2V / 2.5V(UD_1.8V / OD_3.3V))	✓		✓	✓			✓	✓		✓		✓
55nm ULP(0.9~1.2V/2.5V(UD1.8V/OD3.3V))	✓		✓	✓			✓	✓				✓
55nm HV (1.2V / 6V(UD_5.5V , UD_3.3V) / 32V(+/-16V) + 16V(+/-8V))	✓		✓	✓			✓	✓		✓		✓
55nm EFLASH (1.2V (LVT/RVT/HVT/uHVT) + 2.5V(UD_1.8V/OD_3.3V) + HV_UD_5V)				✓			✓					
90nm (1P9M2T1F)					S901905 FAB12i				S901909 FAB12i			
90N (1.0V,1.2V / 1.8V , 2.5V(OD_3.3V) , 3.3V)					✓				✓			
80HV (1.2V/6V/32V(+/-16V))					✓				✓			
90N RF SOI (1.2V/3.3V)					✓				✓			
0.11um for AL (1P8M2T)	A111901 FAB8C		A111903 FAB8S		A111905 FAB8C		A111907 FAB8S		A111909 FAB8C		A111911 FAB8S	
110AE(1.2V/ 2.5, 3.3V)	✓		✓		✓		✓		✓		✓	
110AE EFLASH(1.2V/ 3.3V)	✓		✓		✓		✓		✓		✓	
BCD110(1.2V/ 5V)	✓				✓				✓			
0.11um (2P4M)												
CMOS sensor_PD(1.5V/ 3.3V)												
0.11/0.13um (1P8M2T)			M131903 FAB8D				M131907 FAB8D				M131911 FAB8D	
130E Logic (1.2V/ 3.3V)			✓				✓				✓	
130 MM/RF(1.2V/ 3.3V)			✓				✓				✓	
L110E (1.2V/ 3.3V)			✓				✓				✓	
0.11/0.13/0.15/0.162um (1P7M)		L151902 FAB8F		L151904 FAB8S		L151906 FAB8S	L151907 FAB8F	L151908 FAB8S		L151910 FAB8F		L151912 FAB8S
0.11um HV (1.5V/5.5V/(+/-)16V)		8F/8S		8F/8S		8F/8S	8F/8S	8F/8S		8F/8S		8F/8S
0.13um HV (1.5V/6V/(+/-)16V)		8F/8S/8C		8F/8S/8C		8F/8S/8C	8F/8S/8C	8F/8S/8C		8F/8S/8C		8F/8S/8C
0.15um LL (1.5V/ 3.3V)		8F/8C		8F/8C		8F/8C	8F/8C	8F/8C		8F/8C		8F/8C
0.15um SP (1.5V/ 3.3V)		8F/8C		8F/8C		8F/8C	8F/8C	8F/8C		8F/8C		8F/8C

	HV15 large panel (1.8V ; 13.5V ; 18V)		8F/8C		8F/8C		8F/8C	8F/8C	8F/8C		8F/8C		8F/8C
	HV15 large panel (1.8V/ 9V ; 13.5V)		8S		8S		8S	8S	8S		8S		8S
	0.153um MM (1.8V/3.3V)		8F/8S/8C		8F/8S/8C		8F/8S/8C	8F/8S/8C	8F/8S/8C		8F/8S/8C		8F/8S/8C
	0.153um MM (1.8V/5V)		8F		8F		8F	8F	8F		8F		8F
	0.153um LL (1.8V/ 3.3V)		8F/8S/8C		8F/8S/8C		8F/8S/8C	8F/8S/8C	8F/8S/8C		8F/8S/8C		8F/8S/8C
	0.162um HV (3.3V/16.5V)		8C		8C		8C	8C	8C		8C		8C
	0.162um LogicGII (1.8V/3.3V)		8F/8S/8C		8F/8S/8C		8F/8S/8C	8F/8S/8C	8F/8S/8C		8F/8S/8C		8F/8S/8C
	0.162um LL (1.8V/3.3V)		8F/8S/8C		8F/8S/8C		8F/8S/8C	8F/8S/8C	8F/8S/8C		8F/8S/8C		8F/8S/8C
	0.162um HV (1.8V/5.5V/(+/-)16V)		8F/8S/8C		8F/8S/8C		8F/8S/8C	8F/8S/8C	8F/8S/8C		8F/8S/8C		8F/8S/8C
0.18um (1P6M)			M181902 FAB8C				M181905 FAB8S				M181908 FAB8S		M181910 FAB8C
	BCD (1.8/5V) + HV (16-60V)		✓				8C				8C		✓
	MM/RF (1.8V/ 3.3V)		✓				8C				8C		✓
	LL+ MMC (1.8V/ 3.3V)		✓				✓				✓		✓
	LogicGII + MMC (1.8V/ 3.3V)		✓				✓				✓		✓
0.18um (1P4M)							C181904 FAB8E						C181910 FAB8E
	CMOS sensor/ULTRA_PD (1.8V/ 3.3V)						✓						✓
	CMOS sensor/CONV_PD (1.8V/ 3.3V)						✓						✓
0.18um (2P6M)/0.25um							F181903 FAB8E				F181907 FAB8E		F181911 FAB8E
	0.18um E2PROM(Wide Range) (1.8~5V)						✓				✓		✓
	0.18um EFLASH (1.8V/ 3.3V,5V)						✓				✓		✓
	0.25um E2PROM(Wide Range) (5V)						✓				✓		✓
0.5um/0.35um/0.3um/0.25um(*4) (2P3M)							P351903 FAB8AB				P351906 FAB8AB		P351909 FAB8AB
	CDMOS / FDMOS (30V , 800V)						✓				✓		✓
	0.3um/0.25um BCD						✓				✓		✓
	0.35um MM						✓				✓		✓

*1 : (12i) LVT, MIM, 7X development in progress, pls contact account manager

*2 : (12i) 7X development in progress, pls contact account manager

*3 : (12i) MIM, 7X development in progress, pls contact account manager

*4 : 0.26um" is merely for "BCD" not for other standard STI process

* : The shuttle will be launched regularly if the minimum number of paidseats has been achieved.