

## 130 nm RF SOI (XR013)



PROCESS	TAPE-IN	DATA RELEASE	SAMPLES OUT
XR013	01-Sep-2021	10-Sep-2021	19-Nov-2021
XR013	15-Nov-2021	26-Nov-2021	04-Feb-2022
XR013	01-Mar-2022	11-Mar-2022	9-Jun-2022
XR013	30-May-2022	10-Jun-2022	8-Sep-2022
XR013	29-Aug-2022	9-Sep-2022	8-Dec-2022
XR013	14-Nov-2022	25-Nov-2022	23-Feb-2023

## 180 nm CMOS (XH018)

PROCESS	TAPE-IN	DATA RELEASE	SAMPLES OUT
XH018	02-Aug-2021	16-Aug-2021	27-Dec-2021
XH018	01-Nov-2021	15-Nov-2021	28-Mar-2022
XH018	10-Jan-2022	24-Jan-2022	13-Jun-2022
XH018	9-May-2022	23-May-2022	10-Oct-2022
XH018	18-Jul-2022	1-Aug-2022	19-Dec-2022
XH018	7-Nov-2022	21-Nov-2022	10-Apr-2023

Available metal stack options for XH018 MPW runs:

4 Metal Layers: MET1-MET2-MET3-METMID; MIM or MIMH are optional capacitor modules

6 Metal Layers: MET1-MET2-MET3-MET4-METMID-METTHK; MIM or MIMH are optional capacitor modules

## 180 nm CMOS (XP018)

PROCESS	TAPE-IN	DATA RELEASE	SAMPLES OUT
XP018	14-Jun-2021	28-Jun-2021	01-Nov-2021
XP018	11-Oct-2021	25-Oct-2021	28-Feb-2022
XP018	14-Feb-2022	28-Feb-2022	11-Jul-2022
XP018	6-Jun-2022	20-Jun-2022	31-Oct-2022
XP018	10-Oct-2022	24-Oct-2022	6-Mar-2023

Available metal options for XP018 MPW runs:

4 Metal Layers: MET1-MET2-MET3-METMID; MIM or MIMH are optional capacitor modules

6 Metal Layers: MET1-MET2-MET3-MET4-METMID-METTHK; MIM or MIMH are optional capacitor modules

## 180 nm BCD-on-SOI (XT018)

PROCESS	TAPE-IN	DATA RELEASE	SAMPLES OUT
XT018	12-Apr-2021	26-Apr-2021	18-Oct-2021
XT018	21-Jun-2021	05-Jul-2021	27-Dec-2021
XT018	23-Aug-2021	06-Sep-2021	28-Feb-2022
XT018	15-Nov-2021	29-Nov-2021	23-May-2022
XT018	3-Jan-2022	17-Jan-2022	18-Jul-2022
XT018	4-Apr-2022	18-Apr-2022	17-Oct-2022
XT018	20-Jun-2022	4-Jul-2022	2-Jan-2023
XT018	22-Aug-2022	5-Sep-2022	6-Mar-2023
XT018	21-Nov-2022	5-Dec-2022	5-Jun-2023

THKCOP and BOTDIE module is not available for this MPW run.

Available metal stack options for XT018 MPW runs:

4 Metal Layers: MET1-MET2-MET3-METTHK; MIMH as optional capacitor module

6 Metal Layers: MET1-MET2-MET3-MET4-METMID-METTHK; MIM or MIMH are optional capacitor modules

## 180 nm CMOS (XS018)

PROCESS	TAPE-IN	DATA RELEASE	SAMPLES OUT
XS018	20-Sep-2021	04-Oct-2021	07-Feb-2022
XS018	7-Mar-2022	21-Mar-2022	1-Aug-2022
XS018	12-Sep-2022	26-Sep-2022	6-Feb-2023

This MPW run covers only a restricted set of modules. Only limited LVT & PPD option will be offered. Please check with your X-FAB contact prior to tape-in.

Available core modules for XS018 MPW runs: MOS3LPPD, MOS3ST

Available metal stack options for XS018 MPW runs:

4 Metal Layers: MET1-MET2-MET3-MET4-METTHIN; MIM23 or MIMH23 are optional capacitor modules

6 Metal Layers: MET1-MET2-MET3-MET4-MET5-METMID; MIM or MIMH are optional capacitor modules

## 0.35 $\mu\text{m}$ CMOS (XH035)

PROCESS	TAPE-IN	DATA RELEASE	SAMPLES OUT
XH035	13-Aug-2021	27-Aug-2021	28-Dec-2021
XH035	12-Nov-2021	26-Nov-2021	29-Mar-2022
XH035	17-Jan-2022	31-Jan-2022	27-May-2022
XH035	6-May-2022	20-May-2022	16-Sep-2022
XH035	12-Aug-2022	26-Aug-2022	27-Dec-2022
XH035	11-Nov-2022	25-Nov-2022	28-Mar-2023

Additional runs available on request.

Modules which can be used for XH035 MPW: MOS core plus all modules which can be combined with this core.

## 0.6 $\mu\text{m}$ CMOS (XC06)

PROCESS	TAPE-IN	DATA RELEASE	SAMPLES OUT
XC06	03-Sep-2021	17-Sep-2021	17-Dec-2021

## 1.0 $\mu\text{m}$ BCD-on-SOI (XDH10/XDM10)

PROCESS	TAPE-IN	DATA RELEASE	SAMPLES OUT
XDH10/XDM10	27-Aug-2021	10-Sep-2021	26-Nov-2021

## MEMS

PROCESS	TAPE-IN	DATA RELEASE	SAMPLES OUT
XMB10	24-Sep-2021	08-Oct-2021	11-Feb-2022

For more details on this MEMS MPW, please refer to the [EUROPRACTICE](#) website.

**\* Notes:**

Please make sure to submit your online SIFO, first GDS2 and PO by the Tape-in (Tape-out) deadline.

By the data release date, the **DRC clean and released database** plus all necessary documentation must be submitted in order to participate in the MPW shuttle.

The samples out date is based on the assumption that the most complex process variant is being used. By this date, dice in wafflepack can be delivered.

All changes to above schedule will be automatically updated on this web page only.