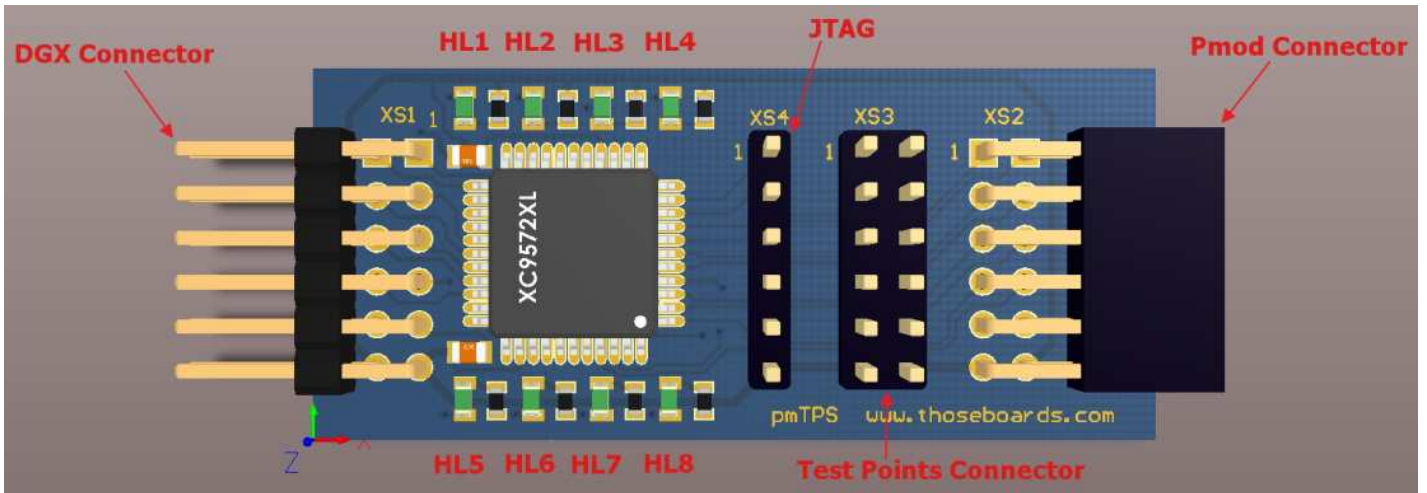


# pmTPS Specification



DGX Connector used to connect pmTPS to DGX carrier board.

Pin description:

DGX_7	7	1	DGX_1
DGX_8	8	2	DGX_2
DGX_9	9	3	DGX_3
DGX_10	10	4	DGX_4
GND	11	5	GND
3V3	12	6	3V3

JTAG connector used to program onboard XC9572XL CPLD.

Pin description:

1	TMS
2	TDI
3	TDO
4	TCK
5	GND
6	3V3

Test Points Connector used to connect any devices for tracing signals (Logic Analyzer for example)

Pin description:

TP_1	1	7	TP_7
TP_2	2	8	TP_8
TP_3	3	9	TP_9
TP_4	4	10	TP_10
GND	5	11	GND
3V3	6	12	3V3

Pmod Connector used to connect any Pmod compatible devices to pmTPS.

Pin description:

PM_1	1	7	PM_7
PM_2	2	8	PM_8
PM_3	3	9	PM_9
PM_4	4	10	PM_10
GND	5	11	GND
3V3	6	12	3V3