



PRODUCT NAME

TP66P0x series /TMU310x series

TITLE

ICE board I/O voltage level

APPLICATION NOTE

- Problem description:
Regarding to I/O ports of ICE board, its I/O ports electronic characteristic are different with real chip, because those I/O ports are FPGA architecture of Actel.

	ICE board (Actel)	Real Chip	Note
Vih	2.0V(min)~4.3V(max)	Refer to the Datasheet specification.	
Voh(min)	2.4V @Ioh=-30mA		
Vol(max)	0.4V @Iol=20mA		
Vil(max)	0.8V		