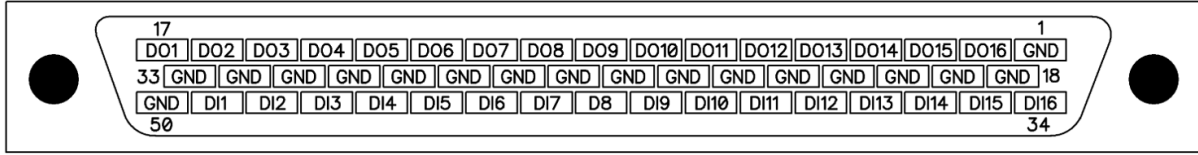
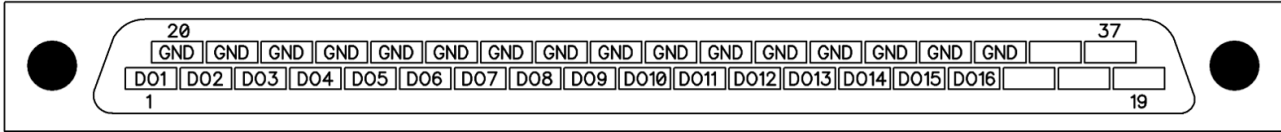


OP8666 Digital Output Connectors

DB50 | DIGITAL I/Os



DB37 | DIGITAL OUTPUTS



Information

The **DB37 connector pin mapping** directly matches the ones found on OPAL-RT's line of simulators and I/O expansion units.

Pin Name	Pin Number		Description	Alternate Usage	TMS320F28379D	
	DB50	DB37			Pin Name	Pin No.
DO1	17	1	Digital Output, 0-5V	ePWM1A	GPIO0	C8
DO2	16	2	Digital Output, 0-5V	ePWM1B*	GPIO1	D8
DO3	15	3	Digital Output, 0-5V	ePWM2A	GPIO2	A7
DO4	14	4	Digital Output, 0-5V	ePWM2B*	GPIO3	B7
DO5	13	5	Digital Output, 0-5V	ePWM3A	GPIO4	C7
DO6	12	6	Digital Output, 0-5V	ePWM3B*	GPIO5	D7
DO7	11	7	Digital Output, 0-5V	ePWM4A	GPIO6	A6
DO8	10	8	Digital Output, 0-5V	ePWM4B*	GPIO7	B6
DO9	9	9	Digital Output, 0-5V	ePWM5A	GPIO8	G2
DO10	8	10	Digital Output, 0-5V	ePWM5B*	GPIO9	G3
DO11	7	11	Digital Output, 0-5V	ePWM6A	GPIO10	B2
DO12	6	12	Digital Output, 0-5V	ePWM6B*	GPIO11	C1
DO13	5	13	Digital Output, 0-5V	ePWM7A	GPIO12	C2
DO14	4	14	Digital Output, 0-5V	ePWM7B*	GPIO13	D1
DO15	3	15	Digital Output, 0-5V	ePWM8A	GPIO14	D2
DO16	2	16	Digital Output, 0-5V	ePWM8B*	GPIO15	D3
GND	1, 18-33, 50	20-35	Logic Ground	-	-	-

* Complementary output of another PWM, e.g., PWM1B is the complementary output of PWM1A.