

Br Element Reference



Legend

Notconnected

Bank A

27	30	33	36	39	42	45	48	R
28	31	34	37	40	43	46	49	G
24	21	18	15	12	9	6	3	+V
23	20	17	14	11	8	5	2	G

Bank B

27	30	33	36	39	42	45	48	+V
28	31	34	37	40	43	46	49	G
24	21	18	15	12	9	6	3	+V
23	20	17	14	11	8	5	2	G

Bank C

28	31	34	37	40	43	46	49	G
27	30	33	36	39	42	45	48	+V
23	20	17	14	11	8	5	2	G
24	21	18	15	12	9	6	3	R

Bank D

28	31	34	37	40	43	46	49	G
27	30	33	36	39	42	45	48	+V
23	20	17	14	11	8	5	2	G
24	21	18	15	12	9	6	3	+V

Raw+5V
+3.3Volts
Ground
SingleEndedIO
DifferentialIO
DualVoltageIO
AnalogInput
AnalogSupply
LED
SpecialFunction

Special Function Mapping

Au	
17	Analog 1.8V
18	Analog 1.8V
33	Analog Gnd
34	Analog Reference
20	VBSEL*
21	1.8V

*Controls dual voltage IO levels
Leave floating for 3.3VIO
Connect to 1.8V for 1.8VIO

Cu		Au	
USB Tx	14	USB Tx	
USB Rx	15	USB Rx	
MISO	23	TDI	
MOSI	24	TDO	
SCK	27	TCK	
SS	28	TMS	
Config Reset	36	Program	
Done	37	Done	
Reset	39	Reset	
100MHz Clock	40	100Mhz Clock	