

Br Element Reference



Legend

Not connected

Bank A

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

Bank B

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

Bank C

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

Bank D

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

Raw +5V
+3.3 Volts
Ground
Single Ended IO
Differential IO
Dual Voltage IO
Analog Input
Analog Supply
LED
Special Function

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 3.3V IO
Connect to 1.8V for 1.8V IO

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[SparkFun Electronics:](#)

[DEV-15873](#) [DEV-15850](#)