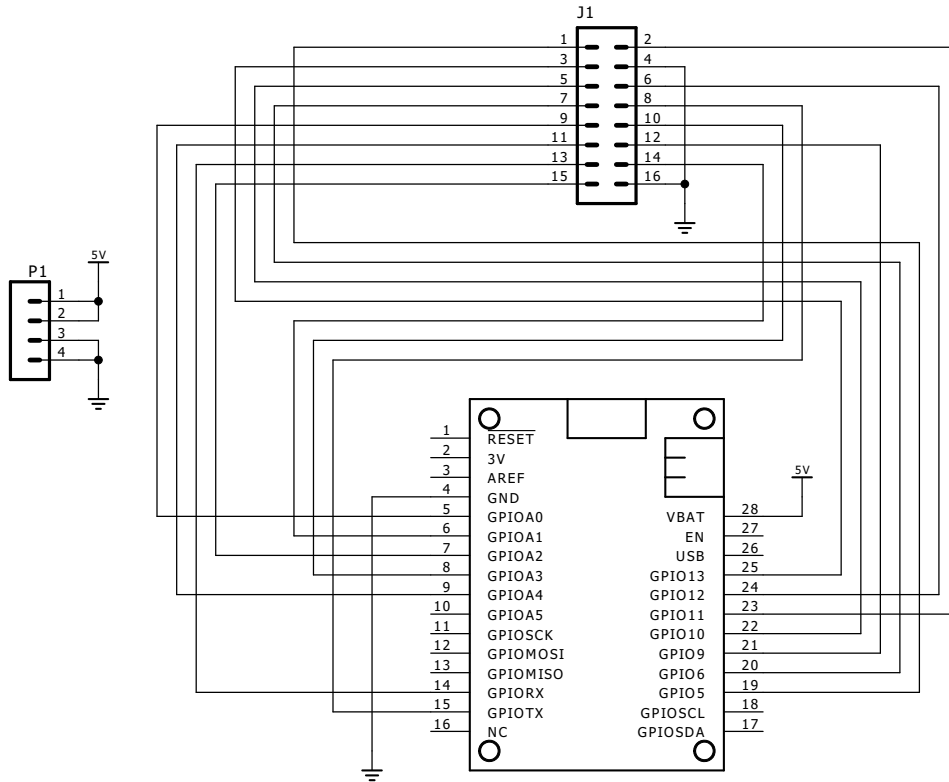


PIN MAPPING

Panel Pins:	OE	LAT	B2	G2	R2	B1	G1	R1	CLK	E	D	C	B	A					
Connector Pins:	15	14	7	6	5	3	2	1	13	8	12	11	10	9					
Feather Pins:	7	6	20	24	22	25	23	19	14	15	21	9	8	5					
Port Pins:	PB09	PB08	..	PA20	PA19	PA18	PA17	PA16	PA15	..	PA11	PA10	..	PA07	..	PA05	PA04	..	PA02
Arduino IDE:	16	15	6	12	10	13	11	5	0	1	9	18	17	14					

The J1 connector may be a receptacle mounted on the top side of the board to accept a ribbon cable, or a plug mounted on the bottom of the board to insert directly into the LED panel.



BILL OF MATERIALS

PCB
https://oshpark.com/shared_projects/TBD

P1
 JST B4PS-VH
 Digikey 455-1650-ND

J1 - Ribbon Cable
 Hirose HIF3FC-16DA-2.54DSA
 Digikey H123847-ND

J1 - Plug
 Hirose HIF3FB-16DA-2.54DSA
 Digikey H123831-ND

Headers
 Adafruit Feather Header Kit - ID 2886

DRAWN	ee-equipment.com			
APPROVED	NAME			
	Featherwing, RGB Matrix Adaptor			
DATE	DOCUMENT	SIZE	REVISION	SHEET
		A	B	1/1