DMC Interface and LED Control

+5v

+14.4v

D4
0.7V Fwd

D5
0.7V Fwd

C10
0.1uF

C11
0.1uF

U6
Inverting Schmitt Trigger
SN74HC14N

14	VCC	
7	GND	

U6A

R5
2.2K

U7
Darlington Transistor Array
ULN2003A

1	IN1	OUT1	16
2	IN2	OUT2	15
3	IN3	OUT3	14
4	IN4	OUT4	13
5	IN5	OUT5	12
6	IN6	OUT6	11
7	IN7	OUT7	10
8	GND	COM	9

DS3
Green

DS4
Red

DS5
Blue

RGB LED Strip

R6
2.2K

R7
2.2K

U5

1	VDD	VSS	8
2	RA5	RA0	7
3	RA4	RA1	6
4	RA3/MCLR	RA2	5

PIC12F752

Timer Servo
Paired
R/B Color

Tiva, PA3
Tiva, PA4

B6 Servo Control
B7 Servo Control

C12
0.1uF

GND