	Digital Sidecar 1				Digital Sidecar 2			
	Connection Type	What is Plugged in?	Motor Type	What does it do?	Connection Type	What is Plugged in?	Motor Type	What does it do?
PWM								
1	Victor x2	CIM	Left Drive / PTO	1	Victor	Window/AM PG	Shooter Elevation	
2	Victor x2	CIM	Right Drive / PTO	2	Victor		Shooter Indexer	
3	Servo	Servo	Left Drive Shifter	3	Victor	Fisher Price	Left Drive	
4	Servo	Servo	Right Drive Shifter	4	Victor	Fisher Price	Right Drive	
5	Servo	Servo	PTO Shifter	5				
6	Servo		Flipper	6				
7	Victor	CIM	Shooter Wheel F	7				
8	Victor	CIM	Shooter Wheel B	8				
9	Victor x2	AM 775 w/ Dewalt	Climber Deploy	9				
10	Victor	Banebot	Harvester Roller	10				
Digital I/O								
1	Encoder		Left Drive	1	Limit Switch		Climber 1	
2	Encoder		Left Drive	2	Limit Switch		Climber 2	
3	Encoder		Right Drive	3				
4	Encoder		Right Drive	4				
5	Encoder		Left Drive Shaft	5				
6	Encoder		Left Drive Shaft	6				
7	Encoder		Right Drive Shaft	7				
8	Encoder		Right Drive Shaft	8				
9	Encoder		Shooter Wheel F	9				
10	Encoder		Shooter Wheel F	10				
11	Encoder		Shooter Wheel B	11				
12	Encoder		Shooter Wheel B	12				
13	Photo-Electric		Harvester	13				
14	Photo-Electric		Fipper	14				
Relay								
1	Relay	Light	Ring Light	1				
2	Relay	Light	Disc entered harvester, Climber in contact with Pyramid	2				
3				3				
4				4				
5				5				
6				6				
7				7				
8				8				
Analog Inputs								
1	Gyro		Robot Rotation					
2	Pot	5 Turn	Harvestor/Shooter Position					
3	Pot	10 Turn	Climber Extension					
4	Pot	5 Turn	Climber Deploy					
5								
6	Current		Motor 1 Current					
7	Current		Motor 2 Current					
8	Battery Voltage							
I2C								
Left								
Right								
Router								
1	cRio							
2	Camera 1	10.0.27.11						
3	Camera 2	10.0.27.12						
4	Tether Port							