

[illegible]

(+)5V Rail	Component Name	Part Number	Supply Voltage Range	#	Absolute Maximum Current (mA)	Total Current (mA)
	Galvanized Nail Reistor system	N/A	1.8-5.1V	1	20	20
					Subtotal	20
					Safety Margin	0.25
					Total Current	25
SOURCE	+5V Regulator	LM7805	5-35V	1	1500	1500
					Total Remaining	1475
External Power Source 1	Component Name	Part Number	Supply Voltage Range	Output Voltage	Absolute Maximum Current (mA)	Total Current (mA)
Power Source Selection 1	Plug-in Wall Supply	B09ZTKTLGW	110V AC	+9V	3000	3000
Power Rails Connected to External Source 1						
	+5V Regulator	LM7805	5-35V	1	1500	1500
					Total left	1500