

Relação de componentes e Circuitos disponíveis no Laboratório Remoto VISIR do IFSC

Available components and circuits at IFSC's VISIR Remote Laboratory

Table of Contents

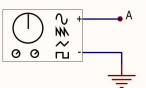
- Page 1. Available components to connect at IFSC's VISIR Node
- Page 2. AMPOP circuit 1 - inverter and non inverter ampop / function generator input signal
- Page 3. AMPOP circuit 2 - inverter and non inverter ampop / DC power supply input signal
- Page 4. AMPOP circuit 3 - buffer / voltage follower
- Page 5. BTJ and FET circuits - BC548 and BF245
- Page 6. Serie/Parallel resistor
- Page 7. Serie/Parallel resistor

Title			VISIR IFSC		
Size	Number	Revision			
A4					
Date:	21/05/2018	Sheet of			
File:	C:\Users\...\tableofcontents.SchDoc	Drawn By:			

Available components to connect at IFSC's VISIR Node*

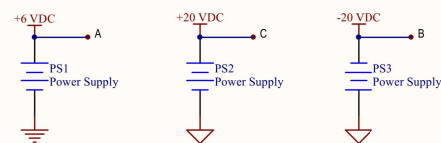
*Oscilloscope and Multimeter Instruments are free to connect on all the nodes
 *Osciloscópio e Multímetro estão disponíveis para serem conectados em qualquer nó

Function Generator Connections



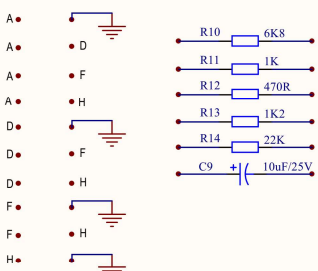
Power Supply* Connections

*All Power Supplies ranges from 0 to nominal voltage.
 *Todas as fontes de alimentação variam de 0 à tensão nominal.

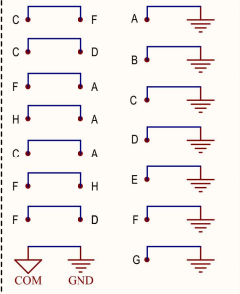


Freecard - Possible Nodes Connections*

*Each Component on Freecard can only connect to one pair of nodes
 *Cada Componente da Freecard pode ser conectado somente a um par de nós

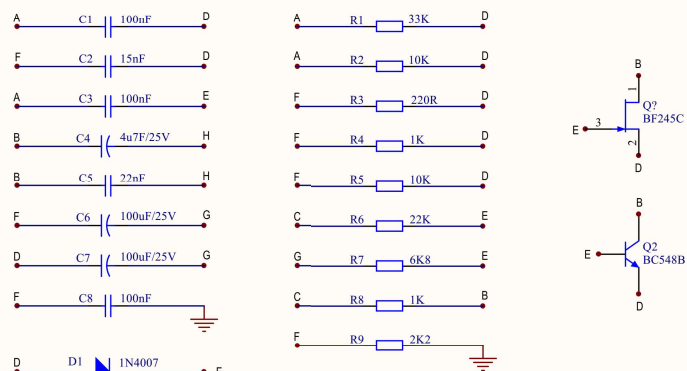


Available Shortcut Connections



Available Connections on Fixed Nodes Cards*

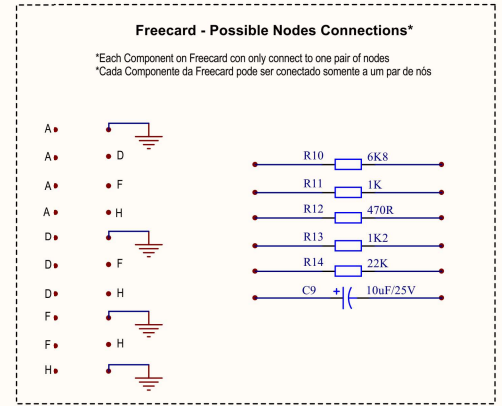
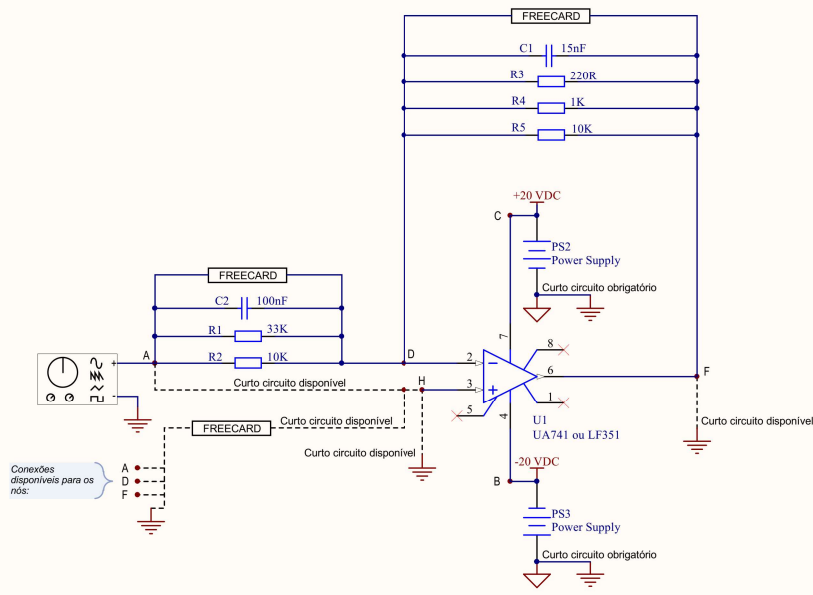
*The connections between components are limited by the nodes described on each component
 *As conexões entre os componentes estão limitadas pelos nós descritos em cada componente



Title			COMPONENT_LIST_21052018		
Size	Number	Revision			
A4					
Date:	21/05/2018	Sheet of			
File:	C:\Users\...\componentlist_knots_IFSC_21052018.SchDoc	Drawn By:			

Available components to connect at IFSC's VISIR Node*

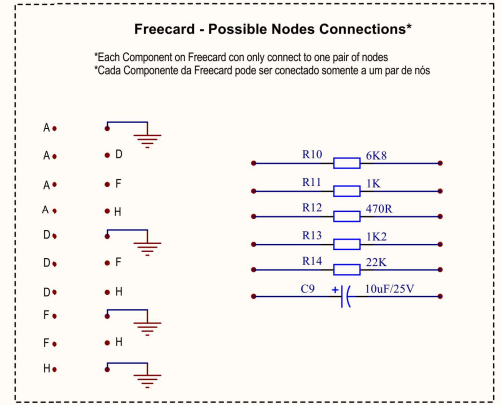
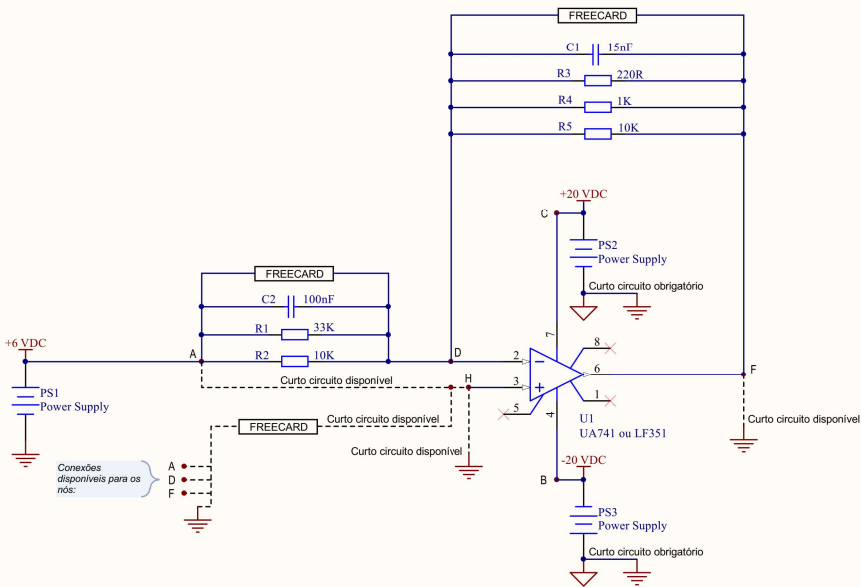
*Oscilloscope and Multimeter Instruments are free to connect on all the nodes
 *Osciloscópio e Multímetro estão disponíveis para serem conectados em qualquer nó



Title		
CIRCUIO_AMPOP1_21052018		
Size	Number	Revision
A4		
Date:	21/05/2018	Sheet of
File:	C:\Users\...circuito_ ampop1_21052018.SchDoc	Drawn By:

Available components to connect at IFSC's VISIR Node*

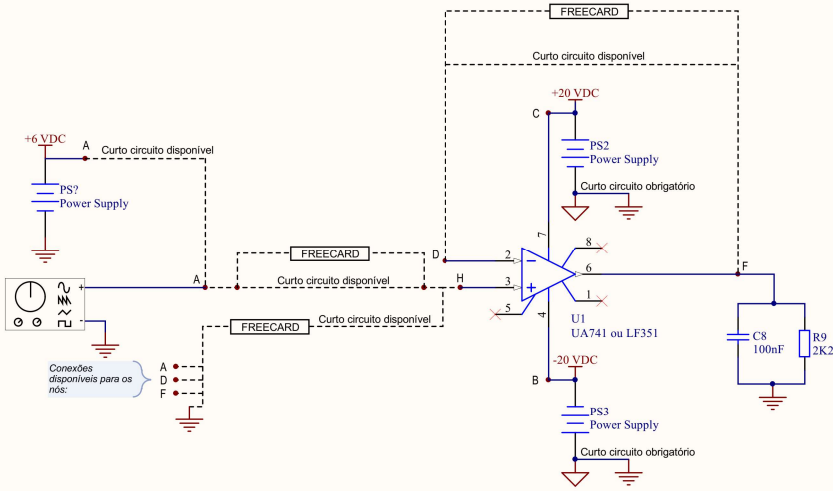
*Oscilloscope and Multimeter Instruments are free to connect on all the nodes
 *Osciloscópio e Multímetro estão disponíveis para serem conectados em qualquer nó



Title		
CIRCUIO_AMPOP2_21052018		
Size	Number	Revision
A4		
Date:	21/05/2018	Sheet of
File:	C:\Users\...circuito_ ampop2_21052018.SchDoc	Drawn By:

Available components to connect at IFSC's VISIR Node*

*Oscilloscope and Multimeter Instruments are free to connect on all the nodes
 *Osciloscópio e Multímetro estão disponíveis para serem conectados em qualquer nó



Freecard - Possible Nodes Connections*

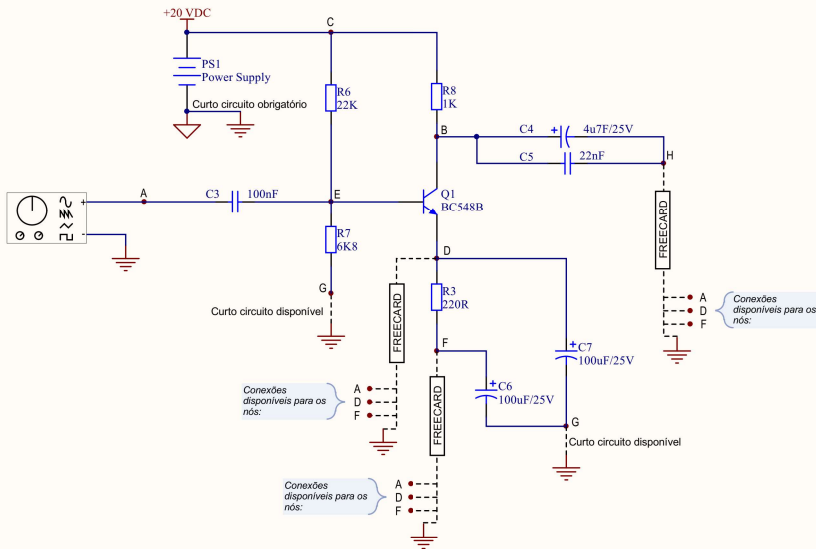
*Each Component on Freecard can only connect to one pair of nodes
 *Cada Componente da Freecard pode ser conectado somente a um par de nós

A •		
A •	• D	R? 6K8
A •	• F	R? 1K
A •	• H	R? 470R
D •	• F	R? 1K2
D •	• H	R? 22K
F •		C? 10uF/25V
F •	• H	
H •		

Title		
MAXLIST_AMPOP3_21052018		
Size	Number	Revision
A4		
Date:	21/05/2018	Sheet of
File:	C:\Users\...circuito_ampop3_21052018.SchDoc	Drawn By:

Available components to connect at IFSC's VISIR Node*

*Oscilloscope and Multimeter Instruments are free to connect on all the nodes
 *Osciloscópio e Multímetro estão disponíveis para serem conectados em qualquer nó



Freecard - Possible Nodes Connections*

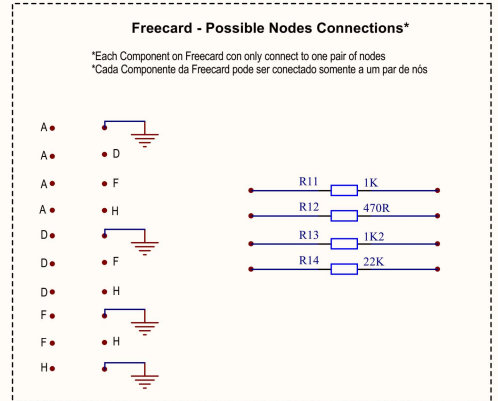
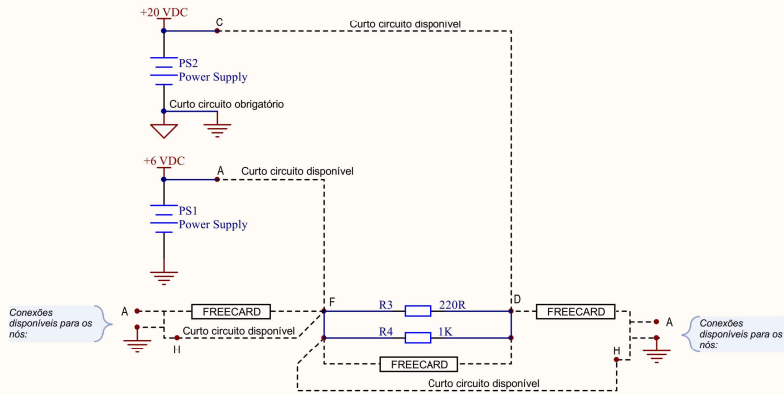
*Each Component on Freecard can only connect to one pair of nodes
 *Cada Componente da Freecard pode ser conectado somente a um par de nós

A •		
A •	• D	R? 6K8
A •	• F	R? 1K
A •	• H	R? 470R
D •	• F	R? 1K2
D •	• H	R? 22K
F •		C? 10uF/25V
F •	• H	
H •		

Title		
CIRCUITO_AZEVEDO_21052018		
Size	Number	Revision
A4		
Date:	21/05/2018	Sheet of
File:	C:\Users\...circuito_azevedo_21052018.SchDoc	Drawn By:

Available components to connect at IFSC's VISIR Node*

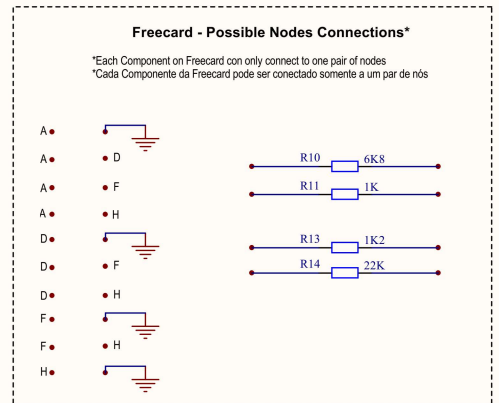
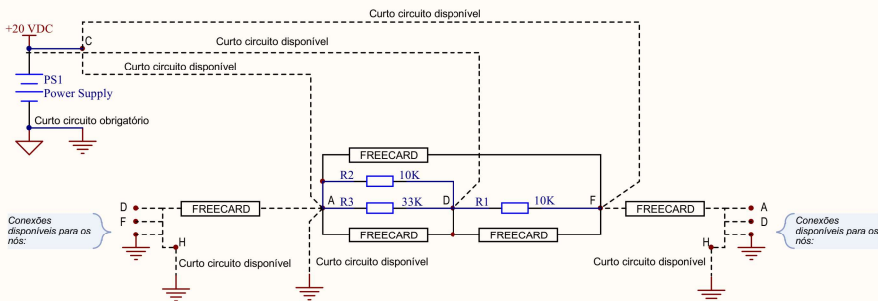
*Oscilloscope and Multimeter Instruments are free to connect on all the nodes
 *Osciloscópio e Multimetro estão disponíveis para serem conectados em qualquer nó



Title		
CIRCUIO_PACHECO_21052018		
Size A4	Number	Revision
Date: 21/05/2018	Sheet of 1	Drawn By:
File: C:\Users\...circuito_pacheco_21052018.SchDoc		

Available components to connect at IFSC's VISIR Node*

*Oscilloscope and Multimeter Instruments are free to connect on all the nodes
 *Osciloscópio e Multimetro estão disponíveis para serem conectados em qualquer nó



Title		
CIRCUIO_PERACA_21052018		
Size A4	Number	Revision
Date: 21/05/2018	Sheet of 1	Drawn By:
File: C:\Users\...circuito_peraca_21052018.SchDoc		