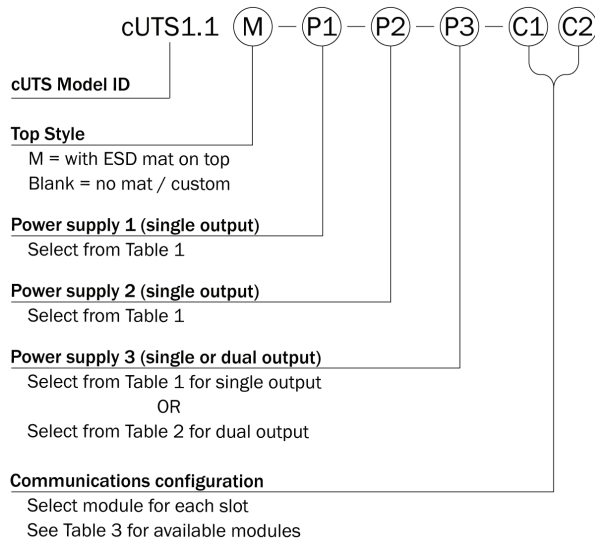




PRODUCT SPECIFICATIONS

- Mixed-signal functional tester
- USB controlled
- Reliable VPC i1 interface
- Two 2x16 1W switch matrices (30V @ 0.5A)
- Two 2x8 1W switch matrices (30V @ 0.5A)
- Two SPDT relays (30V @ 5A)
- 6 ½-Digit DMM
- Sixteen 16-bit analog inputs
- Two 16-bit analog outputs
- Eight TTL digital I/O
- Bloomy UTS Software Suite
- NI LabVIEW drivers and NI TestStand step types
- Three user-selectable power supplies
- Two user-selectable communications ports
- Pass and fail indicators
- Two software-readable pushbutton switches
- Manual test lead kit
- 20" W x 16.25" D x 4.25" H

CONFIGURATION WORKSHEET



Configuration Part Number:

cUTS1.1 _ - _ - _ - _ - _

- 1) Specify ESD mat
- 2) Specify power supplies for P1, P2, and P3
 - a. Add up power supply sizes, verify <13
- 3) Specify communications devices for C1 and C2

Top Style	<input type="checkbox"/> Include ESD mat on top		
Power Supply Specification			
Item	Selection	Size ¹	Notes
P1 (See Table 1)			
P2 (See Table 1)			
P3 (See Tables 1 or 2)			
Total PS size: (not to exceed 13 units)			
Communications Specification			
Item	Selection	Notes	
C1			
C2			

¹ Refer to Tables 1&2 for relative PS size (total size not to exceed 13 units)

OPTIONAL COMPONENTS

Select	Part Number	Description	Price
		Bloomy compactUTS	\$19,995
<input type="checkbox"/>		NI TestStand Base Deployment Engine License*	\$585
<input type="checkbox"/>	2500-00110	cUTS v1.1 Self-test module, & software (requires NI TestStand license)	\$1,495
<input type="checkbox"/>	2900-00048	1D/2D/PDF417 Barcode scanner kit, cabled, with stand	\$400
<input type="checkbox"/>	2900-00058	ITA development kit, including: <ul style="list-style-type: none"> • VPC i1 connector, contacts, ID resistor set • VPC Quadrapaddle ITA crimp and extraction tools 	\$1,995

* NI LabVIEW Automated Test Suite including NI LabVIEW and TestStand development licenses are required for sequence development or modification.

POWER SUPPLY CONFIGURATION (P1 – P3)

- Select power supply option for each of the 3 available power supplies
- PS1 and PS2 must be selected from Table 1
- PS3 may be specified as a single output (Table 1) or dual (+/-) output supply (Table 2)
- Cumulative power supply size not to exceed 13 units
 - Add up associated size of all selected power supplies, verify less than 13

Option ID	Voltage	Current	Watts	Voltage Adj	Size
X	NO POWER SUPPLY				0
051	5 V	1.5 A	7.5 W	N/A	1
053	5 V	3 A	15 W	5 - 5.5	3
121	12 V	0.8 A	10 W	N/A	1
122	12 V	2.1 A	30 W	12 - 14	3
124	12 V	4.5 A	60 W	12 - 14	4
151	15 V	0.65 A	10 W	N/A	1
152	15 V	2 A	30 W	13.5 - 16.5	3
154	15 V	4 A	60 W	13.5 - 16.5	4
240	24 V	0.4 A	10 W	N/A	1
241	24 V	1.3 A	30 W	24 - 28	3
242	24 V	2.5 A	60 W	24 - 28	4
244	24 V	4.2 A	100 W	24 - 28	5
Z	Custom/other: specify				

Option ID	Voltage	Current Per Side	Watts Per Side	Voltage Adj	Size
D051	+/- 5 V	1.5 A	7.5 W	N/A	2
D121	+/- 12 V	0.8 A	10 W	N/A	2
D122	+/- 12 V	2.1 A	30 W	12 - 14	6
D151	+/- 15 V	0.65 A	10 W	N/A	2
D152	+/- 15 V	2 A	30 W	13.5 - 16.5	6
D240	+/- 24 V	0.4 A	10 W	N/A	2
D242	+/- 24 V	1.3 A	30 W	24 - 28	6
Z	Custom/other: specify				

COMMUNICATIONS CONFIGURATION (C1 – C2)

Option ID	Communications Protocol	Additional Cost?
X	None	No
A	RS232	No
B	RS485/422	No
C	CAN: NI USB-8437, 1-Port HS	\$438
D	CAN: NI USB-9862 1-Port HS, N- XNET Interface	\$1,010
E	12C/SPI/SMBus: (NI USB-8451) *Utilizes both COM ports & all GPIO	\$414
Z	Other: specify	Call us!

Call 860-298-9925 or visit
www.bloomy.com