



SLICE NANO Base Pin Assignments



support@dtsweb.com

DOWN connector**



(looking into the connector)

Mating connector: DTS P/N 80000-04030

Mating connector + backshell: DTS P/N 13000-30170

Pin	Function
1	On (contact closure input to ground)
2	Start (contact closure input to ground)
3	Event (contact closure input to ground)
4	Status output (5 V via 10K with respect to ground)
5, 6	7-15 VDC
7, 8, 12	Ground
9	USB_PWR
10	USB_DP
11	USB_DM

** Both cables are 10 cm in length

UP* connector**



(looking into the connector)

Mating connector: DTS P/N 80000-04029

Mating connector + backshell: DTS P/N 13000-30180

Pin	Function
1	On (contact closure input to ground)
2	Start (contact closure input to ground)
3	Event (contact closure input to ground)
4	Status output (5 V via 10K with respect to ground)
5, 6	7-15 VDC
7, 8, 12	Ground
9	USB_PWR
10	USB_DP
11	USB_DM

* to PC



SLICE NANO Bridge Pin Assignments



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Channels 1, 2 and 3*



(looking into the connector)

Mating connector: DTS P/N 80000-04019

Mating connector + backshell:
DTS P/N 13000-30310

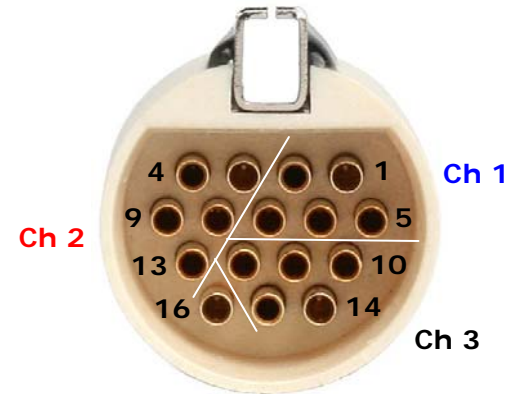
Mating connector + backshell + ID:
DTS P/N 13000-30120

Pin	Function
1	+ Sig
2	- Sig
3	+ Ex
4	+ ID
5**	- Ex
6**	- ID
7**	Shield

* Three connectors; cables 6, 10 and 14 cm in length

** Pins 5, 6 and 7 are common

Channels 1-3***



(looking into the connector)

Mating connector: DTS P/N 80000-14031

Mating connector + backshell: DTS P/N 13000-30320

Mating connector + backshell + 3 IDs: DTS P/N 13000-30140

Pin	Function
1	+ Sig (Ch 1)
2	+ ID (Ch 1)
3	- Sig (Ch 2)
4	+ Sig (Ch 2)
5	- Sig (Ch 1)
6	+ Ex (Ch 1)
7	- Ex (Ch 1)
8	+ Ex (Ch 2)

*** One connector; cable 10 cm in length

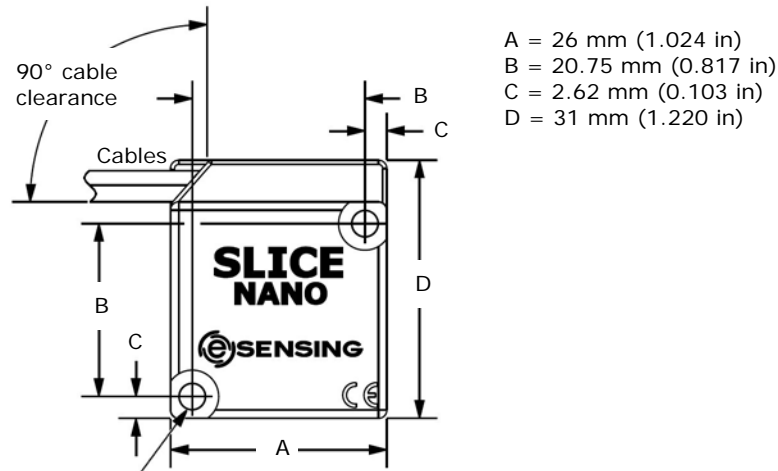
Pin	Function
9	+ ID (Ch 2)
10	+ Sig (Ch 3)
11	+ Ex (Ch 3)
12	- Ex (Ch 3)
13	- Ex (Ch 2)
14	- Sig (Ch 3)
15	+ ID (Ch 3)
16	- ID (Ch 1, 2, 3)/Shield



SLICE NANO Mechanical Specifications

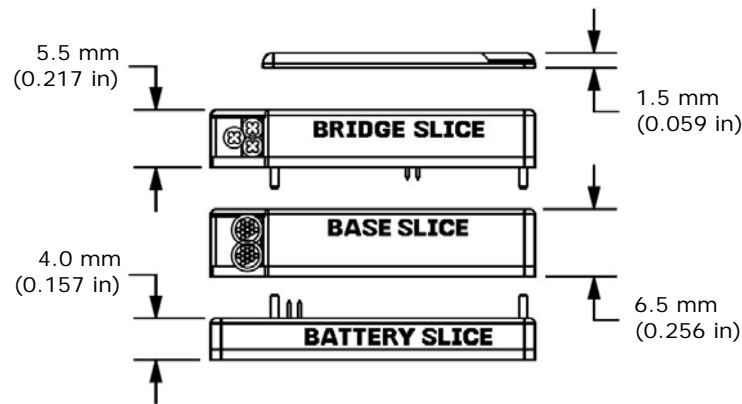


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A = 26 mm (1.024 in)
 B = 20.75 mm (0.817 in)
 C = 2.62 mm (0.103 in)
 D = 31 mm (1.220 in)

Ø3.2 mm (0.125 in) mounting thru holes x2
 Accepts M2.5 (loose fit); 4-40 (free fit); M3 (tight fit)



	Weight
Lid	~2.6 grams
Bridge (1 conn)	~12.6 grams
Bridge (3 conn)	~13.8 grams
Base	~14.2 grams
Battery	~7 grams

Total Stack Height mm (inch)	Mounting Screw Length (min) BH or SHC	
	M2.5*/M3**	4-40**
13.5 (0.531)	18 mm	3/4"
17.5 (0.689)	22 mm	7/8"
19 (0.748)	25 mm	1"
23 (0.906)	30 mm	1-1/8"
24.5 (0.965)	30 mm	1-1/8"
28.5 (1.122)	35 mm	1-1/4"
30 (1.181)	35 mm	1-3/8"
34 (1.339)	40 mm	1-1/2"
35.5 (1.398)	40 mm	1-3/4"
39.5 (1.555)	45 mm	1-3/4"
41 (1.614)	45 mm	1-3/4"
45 (1.772)	50 mm	2"
46.5 (1.831)	60 mm	2"
50.5 (1.988)	60 mm	2-1/2"
52 (2.047)	60 mm	2-1/2"
56 (2.205)	60 mm	2-1/2"
57.5 (2.264)	70 mm	2-1/2"
61.5 (2.421)	70 mm	3"
63 (2.480)	70 mm	3"
67 (2.638)	70 mm	3"

Specifications may be revised without notice.

Torque specs: * 3.9 in-lb (0.44 Nm); ** 5.2 in-lb (0.59 Nm)