

C&K

DIP Switches



SDA Low Profile Features: • Low profile design saves space • High pressure contact does not require tape sealing **Specifications:** • Contact Rating: 25mA @ 24VDC or 100mA @ 5VDC • Mechanical and Electrical Life: 1,000 cycles at rated loads • Operating Temperature: -20°C - 85°C

BPA Side Actuated Features: • High pressure contact system does not require tape seal **Specifications:** • Contact Rating: 100mA maximum @ 5VDC or 25mA maximum • Mechanical and Electrical Life: 1,000 cycles minimum @ 5VDC, 10mA • Operating Temperature: -20°C - 85°C

SP Single In-Line Features: • Thin Single In-Line Packaging saves PCB space • Retention feature holds part to PCB prior to soldering • High pressure contact system does not require tape sealing **Specifications:** • Contact Rating: 100mA • Mechanical and Electrical Life: 1,000 cycles minimum • Operating Temperature: -20°C - 85°C

BD Standard Profile Features: • Traditional full profile DIP switch • Extended actuator for easy actuation • Open bottom construction allows for solder washing without the need for tape seal **Specifications:** • Contact Rating: 100mA maximum • Mechanical and Electrical Life: 10,000 cycles at full load • Operating Temperature: -40°C - 85°C

BP Side Actuated Features: • When actuated, contacts remain below top of switch • Ideal for applications where space is limited **Specifications:** • Contact Rating: 100mA maximum • Mechanical and Electrical Life: 2,000 cycles - Gold contacts, 1,000 cycles - Tin contacts • Operating Temperature: -20°C - 60°C

SD Low Profile Features: • Low profile design saves space • Sealed with top tape **Specifications:** • Contact Rating: 100mA @ 50VDC maximum • Mechanical and Electrical Life: 2,000 cycles at full load • Operating Temperature: -20°C - 85°C

TDA Half-pitch Ultra-mini SMT Specifications: • Contact Rating: 50VDC, 100mA • Mechanical and Electrical Life: 1,000 cycles • Operating Temperature: -20°C - 85°C

TDP Half-pitch Side Actuated Features: • World's first ultra-miniature SMT half-pitch side-actuated DIP • Side actuation allows visual indication of on/off position in horizontal applications • Process sealed for surface mount soldering and washable processing **Specifications:** • Contact Rating: 25mA @ 24VDC or 100mA @ 5VDC • Mechanical and Electrical Life: 1,000 cycles • Operating Temperature: -20°C - 85°C

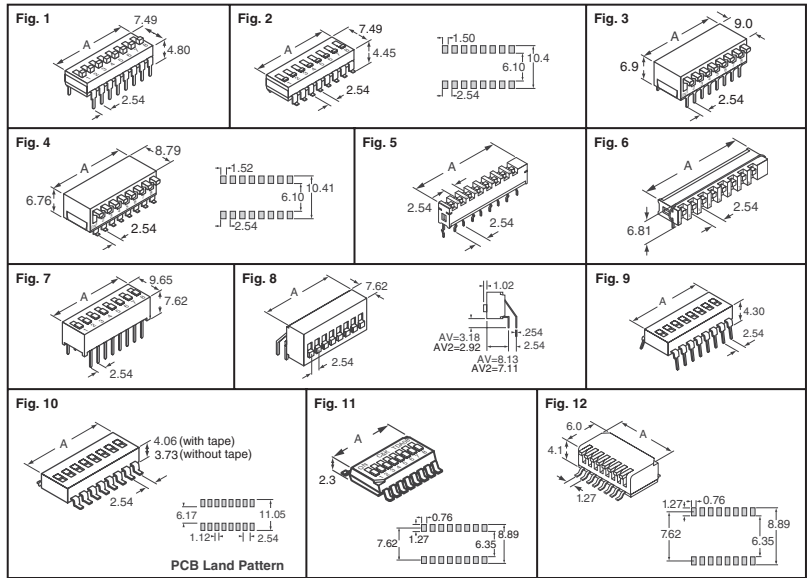


Fig.	No. of Pos.	Dim. A mm	Digi-Key Part No.	Price Each	C&K Part No.		
				1	25	100	
DIP Top Side with Extended Actuator - Unsealed							
1	2	7.06	CKN6055-ND	.81	.66	.52	
	3	9.60	CKN6061-ND	.99	.80	.63	
	4	12.10	CKN6067-ND	1.05	.84	.67	
	5	14.68	CKN6073-ND	1.10	.89	.70	
	6	17.18	CKN6079-ND	1.13	.91	.72	
	7	19.76	CKN6085-ND	1.21	.97	.77	
2	7	19.76	CKN6091-ND	1.35	1.08	.86	
	9	24.84	CKN6096-ND	1.48	1.19	.94	
	10	27.34	CKN6102-ND	1.59	1.27	1.01	
	12	32.50	CKN6108-ND	1.74	1.40	1.11	
	DIP Top Side with Flush Actuator - Unsealed						
	1	2	7.06	CKN6052-ND	.81	.66	.52
3		9.60	CKN6058-ND	.99	.80	.63	
4		12.10	CKN6064-ND	1.05	.84	.67	
5		14.68	CKN6070-ND	1.10	.89	.70	
6		17.18	CKN6076-ND	1.13	.91	.72	
7		19.76	CKN6082-ND	1.21	.97	.77	
2	7	19.76	CKN6088-ND	1.35	1.08	.86	
	9	24.84	CKN6094-ND	1.59	1.27	1.01	
	10	27.34	CKN6100-ND	1.74	1.40	1.11	
	DIP Top Side with Flush Actuator - Tape Sealed						
	1	4	12.10	CKN6063-ND	1.16	.93	.74
		5	14.68	CKN6069-ND	1.21	.97	.77
6		17.18	CKN6075-ND	1.26	1.01	.80	
8		22.26	CKN6087-ND	1.48	1.19	.94	
10		27.34	CKN6098-ND	1.72	1.38	1.09	
12		32.50	CKN6104-ND	1.85	1.49	1.18	
2	4	12.10	CKN6069-ND	1.21	.97	.77	
	5	14.68	CKN6075-ND	1.26	1.01	.80	
	6	17.18	CKN6081-ND	1.31	1.05	.84	
	8	22.26	CKN6093-ND	1.53	1.23	.97	
	10	27.34	CKN6103-ND	1.78	1.42	1.13	
	12	32.50	CKN6109-ND	1.91	1.55	1.23	
SMT Top Side with Extended Actuator - Unsealed							
1	2	7.06	CKN6056-ND	1.18	.95	.76	
	3	9.60	CKN6062-ND	1.45	1.16	.92	
	4	12.10	CKN6068-ND	1.53	1.23	.97	
	5	14.68	CKN6074-ND	1.67	1.34	1.06	
	6	17.18	CKN6080-ND	1.78	1.42	1.13	
	7	19.76	CKN6086-ND	1.78	1.42	1.13	
2	7	19.76	CKN6092-ND	1.93	1.55	1.23	
	9	24.84	CKN6097-ND	2.15	1.72	1.37	
	10	27.34	CKN6103-ND	2.28	1.83	1.45	
	12	32.50	CKN6109-ND	2.53	2.03	1.60	
	SMT Top Side with Flush Actuator - Unsealed						
	1	1	4.52	CKN9490CT-ND\$.97	.78	.76
1		4.52	CKN9490TR-ND▲	.867	.65/1500		
2		7.06	CKN9491CT-ND\$	1.18	.95	.76	
2		7.06	CKN9491TR-ND▲	1.46	1.17	.93	
3		9.60	CKN9492CT-ND\$	1.45	1.16	.92	
3		9.60	CKN9492TR-ND▲	1.78	1.54	1.28	
2	3	9.60	CKN9493CT-ND\$	1.53	1.23	.97	
	4	12.10	CKN9493CT-ND\$	1.58	1.27	1.00	
	4	12.10	CKN9493TR-ND▲	710.40/750			
	5	14.68	CKN9494CT-ND\$	1.59	1.27	1.01	
	5	14.68	CKN9494TR-ND▲	741.63/750			
	6	17.18	CKN9495CT-ND\$	1.67	1.34	1.06	
3	6	17.18	CKN9495TR-ND▲	772.86/750			
	7	19.76	CKN9496CT-ND\$	1.78	1.43	1.14	
	7	19.76	CKN9496TR-ND▲	804.08/750			
	8	22.26	CKN9497CT-ND\$	1.93	1.55	1.23	
	8	22.26	CKN9497TR-ND▲	877.69/750			
	9	24.84	CKN9498CT-ND\$	2.13	1.71	1.36	
4	9	24.84	CKN9498TR-ND▲	960.22/750			
	10	27.34	CKN6101-ND	2.28	1.83	1.45	

Fig.	No. of Pos.	Dim. A mm	Digi-Key Part No.	Price Each	C&K Part No.		
				1	25	100	
2	10	27.34	CKN9499CT-ND\$	2.23	1.79	1.42	
	10	27.34	CKN9499TR-ND▲	1002.60/750			
	12	32.50	CKN6107-ND	2.53	2.03	1.60	
	12	32.50	CKN9500CT-ND\$	2.44	1.95	1.55	
	12	32.50	CKN9500TR-ND▲	1096.28/750			
	SMT Top Side with Flush Actuator - Tape Sealed						
2	2	7.06	CKN6053-ND	1.30	1.04	.83	
	3	9.60	CKN6059-ND	1.59	1.27	1.01	
	4	12.10	CKN6065-ND	1.64	1.32	1.04	
	5	14.68	CKN6071-ND	1.72	1.38	1.09	
	6	17.18	CKN6077-ND	1.80	1.44	1.14	
	7	19.76	CKN6083-ND	1.88	1.51	1.20	
3	8	22.26	CKN6089-ND	2.07	1.66	1.31	
	9	24.84	CKN6094-ND	2.28	1.83	1.45	
	10	27.34	CKN6100-ND	2.40	1.92	1.52	
	12	32.50	CKN6106-ND	2.64	2.11	1.67	
	Side Actuated DIP - Unsealed						
	2	2	7.11	CKN6138-ND	1.07	.87	.69
4		12.19	CKN6140-ND	1.31	1.06	.84	
5		14.68	CKN6142-ND	1.40	1.12	.89	
6		17.30	CKN6144-ND	1.56	1.25	.99	
8		22.30	CKN6146-ND	1.61	1.29	1.03	
10		27.43	CKN6148-ND	1.83	1.47	1.16	
SMT Side Actuated DIP - Unsealed							
4	2	7.11	CKN6139-ND	1.18	.95	.75	
	4	12.19	CKN6141-ND	1.45	1.16	.92	
	5	14.68	CKN6143-ND	1.53	1.23	.97	
	6	17.30	CKN6145-ND	1.72	1.38	1.09	
	8	22.30	CKN6147-ND	1.78	1.42	1.13	
	10	27.43	CKN6149-ND	2.02	1.62	1.28	
Top Side Single In-Line SIP - Unsealed							
2	2	8.28	CKN9438-ND	2.02	1.62	1.28	
	4	13.36	CKN9440-ND	2.40	1.93	1.53	
	5	16.44	CKN9442-ND	2.80	2.25	1.78	
	6	23.52	CKN9444-ND	3.25	2.61	2.07	
	8	28.60	CKN9446-ND	4.11	3.29	2.60	
	Right Angle Single In-Line SIP - Unsealed						
6	2	8.28	CKN9437-ND	2.83	2.27	1.79	
	4	13.36	CKN9439-ND	3.17	2.54	2.01	
	6	18.44	CKN9441-ND	3.82	3.06	2.42	
	8	23.52	CKN9443-ND	4.19	3.36	2.66	
	10	28.60	CKN9445-ND	4.53	3.63	2.87	
	Top Side, Extended Actuator - Unsealed						
7	1	4.57	CKN6012-ND	.97	.78	.62	
	2	7.11	CKN3001-ND	1.40	1.12	.89	
	3	9.65	CKN3002-ND	1.40	1.12	.89	
	4	12.19	CKN3003-ND	1.53	1.23	.97	
	5	14.73	CKN3004-ND	1.55	1.25	.99	
	6	17.27	CKN3005-ND	1.60	1.29	1.02	
	7	19.81	CKN3006-ND	1.69	1.35	1.07	
	8	22.35	CKN3007-ND	1.74	1.40	1.11	
	9	24.89	CKN3008-ND	1.82	1.46	1.16	
	10	27.43	CKN3009-ND	1.88	1.50	1.19	
	12	32.51	CKN3010-ND	2.00	1.61	1.27	
	Right Angle Side, Extended Actuator - Unsealed						
8	2	7.11	CKN3011-ND	2.42	1.94	1.54	
	2	7.11	CKN3013-ND	2.42	1.94	1.54	
	3	9.65	CKN3012-ND	2.42	1.94	1.54	
	4	12.19	CKN3013-ND	2.55	2.05	1.62	
	4	12.19	CKN6014-ND	2.55	2.05	1.62	
	5	14.73	CKN3014-ND	2.58	2.07	1.64	
	5	14.73	CKN3015-ND	2.58	2.07	1.64	
	6	17.27	CKN3015-ND	2.66	2.13	1.69	
	6	17.27	CKN6016-ND	2.66	2.13	1.69	
	7	19.81	CKN3016-ND	2.72	2.18	1.72	
	8	22.35	CKN3017-ND	2.77	2.22	1.76	
	8	22.35	CKN6017-ND	2.77	2.22	1.76	

Fig.	No. of Pos.	Dim. A mm	Digi-Key Part No.	Price Each	C&K Part No.		
				1	25	100	
8	9	24.89	CKN3018-ND	2.85	2.28	1.81	
	10	27.43	CKN3019-ND	2.90	2.32	1.84	
	12	32.51	CKN3020-ND	3.04	2.43	1.93	
Low Profile Auto Insert - Tape Sealed							
2	2	6.55	CKN6110-ND	1.23	.99	.79	
	3	9.09	CKN6113-ND	1.29	1.04	.82	
	4	11.63	CKN6115-ND	1.55	1.25	.99	
	5	14.17	CKN6118-ND	1.63	1.30	1.03	
	6	16.71	CKN6120-ND	1.69	1.35	1.07	
	7	19.25	CKN6122-ND	1.78	1.43	1.14	
9	8	21.79	CKN6125-ND	1.98	1.59	1.26	
	9	24.33	CKN6131-ND	2.14	1.72	1.36	
	10	26.87	CKN6133-ND	2.30	1.85	1.46	
	12	31.95	CKN6135-ND	2.49	2.00	1.59	
	Low Profile Auto Insert - Flush Actuator - Tape Sealed						
	10	8	21.79	CKN6127-ND†	2.59	2.08	1.65
8		21.79	CKN6128CT-ND\$	2.79	2.58	2.37	
8		21.79	CKN6128TR-ND▲	1289.96/1,000			
Low Profile Auto Insert - Extended Actuator - Tape Sealed							
10	2	6.55	CKN6112-ND	1.73	1.39	1.11	
	4	11.63	CKN6117-ND	1.17	.94	.75	
	7	19.25	CKN6124-ND	2.53	2.03	1.61	
	8	21.79	CKN6129-ND	2.76	2.21	1.75	
	8	21.79	CKN6130-ND†	2.59	2.08	1.65	
	10	26.87	CKN6135-ND	3.21	2.57	2.04	
Low Profile SMD - Tape Sealed							
2	2	6.55	CKN6111-ND	1.73	1.39	1.11	
	3	9.09	CKN6114-ND	1.83	1.46	1.16	
	4	11.63	CKN6116-ND	2.21	1.77	1.40	