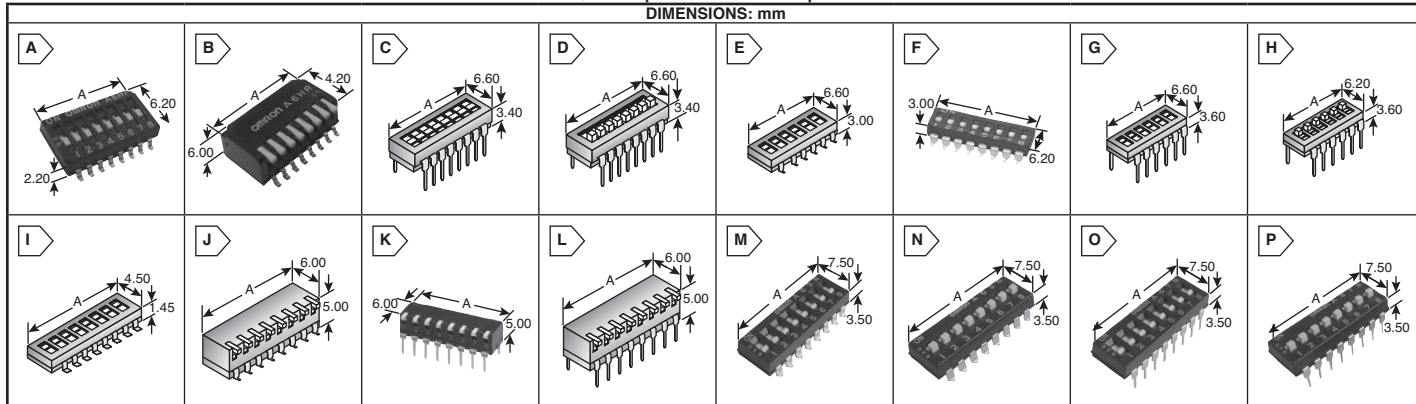


# OMRON DIP Switches

RoHS Compliant This product is RoHS compliant.

**OMRON**  
ELECTRONIC COMPONENTS

DIMENSIONS: mm



## OMRON A6HF/HR SERIES: HALF-PITCH DIP SWITCHES

**Specifications:**

- Switching capacity: 25mA @ 24VDC
- Operating force: 500 gf max.
- Dielectric strength: 300VAC

**Features:**

- Gold-plated twin contacts
- Temperature-resistant resin allows peak reflow temperatures of 260°C.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Omron Part No.	Fig.	Number of Positions	Dimension A (mm)	Price Each			
					1	25	50	100
<b>SMT, Slide-Type</b>								
653-A6HF-4102	A6HF-4102	A	4	6.21	2.80	2.61	2.49	2.39
653-A6HF-8102	A6HF-8102	A	8	11.29	4.10	3.81	3.63	3.49
<b>SMT, Piano-Type</b>								
653-A6HR-4104	A6HR-4104	B	4	6.21	4.19	3.89	3.72	3.57
653-A6HR-8104	A6HR-8104	B	9	11.29	6.10	5.67	5.42	5.19

## OMRON A6D SERIES: SUBMINIATURE DIP SWITCHES

**Specifications:**

- Switching capacity: 30mA @ 30VDC
- Operating force: 500 gf max.
- Dielectric strength: 500VAC

**Features:**

- Space-saving and IP64 sealed construction
- Smooth, sure switching action enables comfortable operation.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Omron Part No.	Fig.	Number of Positions	Dimension A (mm)	Price Each			
					1	25	50	100
<b>Thru-Hole, Top-Actuated, Sealed</b>								
653-A6D-2100	A6D-2100	C	2	7.10	2.92	2.62	2.33	2.10
653-A6D-4100	A6D-4100	C	4	12.20	2.27	2.13	2.03	1.86
653-A6D-8100	A6D-8100	C	8	22.40	3.82	3.45	3.07	2.76
<b>Thru-Hole, Raised Actuator, Sealed</b>								
653-A6D-2103	A6D-2103	D	2	7.10	3.06	2.86	2.72	2.48

## OMRON A6S/T SERIES: SLIDE DIP SWITCHES

**Specifications:**

- Switching capacity: 25mA @ 24VDC
- Operating force: 30 gf
- Dielectric strength: 500VAC

**Features:**

- Gold-plated twin contacts and a slide-type, self-cleaning mechanism ensure high-reliability.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Omron Part No.	Fig.	Number of Positions	Dimension A (mm)	Price Each			
					1	25	50	100
<b>SMT, Flat-Actuated</b>								
653-A6S-2101-H	A6S-2101-H	E	2	6.02	1.09	1.06	1.03	1.00
653-A6S-4101-H	A6S-4101-H	E	4	11.10	1.40	1.30	1.27	1.17
653-A6S-8101-H	A6S-8101-H	E	8	21.26	2.41	2.15	1.91	1.72
<b>SMT, Flat-Actuated, Sealed</b>								
653-A6S-2102-H	A6S-2102-H	E	2	6.02	1.53	1.36	1.21	1.09
653-A6S-4102-H	A6S-4102-H	E	4	11.10	1.45	1.30	1.15	1.04
653-A6S-6102-H	A6S-6102-H	E	6	16.18	2.02	1.80	1.66	1.55
653-A6S-8102-H	A6S-8102-H	E	8	21.26	2.45	2.19	1.95	1.74
<b>SMT, Raised Actuator</b>								
653-A6S-2104-H	A6S-2104-H	F	2	6.02	1.56	1.40	1.24	1.11
653-A6S-4104-H	A6S-4104-H	F	4	11.10	1.41	1.30	1.16	1.04
653-A6S-5104-H	A6S-5104-H	F	5	13.64	1.98	1.77	1.57	1.41
653-A6S-6104-H	A6S-6104-H	F	6	16.18	1.82	1.64	1.45	1.36
653-A6S-8104-H	A6S-8104-H	F	8	21.26	1.97	1.77	1.65	1.51
<b>Thru-Hole, Flat-Actuated, Sealed</b>								
653-A6T-2102	A6T-2102	G	2	6.02	1.04	.96	.876	.816
653-A6T-4102	A6T-4102	G	4	11.10	1.16	1.06	.984	.912
<b>Thru-Hole, Raised Actuator</b>								
653-A6T-1104	A6T-1104	H	1	3.48	.84	.81	.777	.735
653-A6T-2104	A6T-2104	H	2	6.02	.74	.69	.63	.58
653-A6T-3104	A6T-3104	H	3	8.56	1.41	1.29	1.19	1.10
653-A6T-4104	A6T-4104	H	4	11.10	1.01	.93	.853	.791
653-A6T-6104	A6T-6104	H	6	16.18	1.19	1.10	1.01	.965
653-A6T-8104	A6T-8104	H	8	21.26	1.31	1.20	1.10	1.01

## OMRON A6H SERIES: HALF-PITCH DIP SWITCHES

**Specifications:**

- Switching capacity: 25mA @ 24VDC
- Operating force: 30 gf
- Dielectric strength: 300VAC

**Features:**

- Ultra-low profile of 1.55mm
- Half-pitch (1.27mm) design
- Compact and reduced mounting space

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Omron Part No.	Fig.	Number of Positions	Dimension A (mm)	Price Each			
					1	25	50	100
<b>SMT, Flat-Actuated</b>								
653-A6H-4101	A6H-4101	I	4	6.31	2.33	2.09	1.86	1.67
653-A6H-6101	A6H-6101	I	6	8.85	1.75	1.64	1.56	1.43
653-A6H-8101	A6H-8101	I	8	11.39	2.08	1.94	1.85	1.70
653-A6H-0101	A6H-0101	I	10	13.93	2.68	2.51	2.39	2.19
<b>SMT, Flat-Actuated, Sealed</b>								
653-A6H-4102	A6H-4102	I	4	6.31	1.97	1.84	1.76	1.61
653-A6H-8102	A6H-8102	I	8	11.39	2.74	2.57	2.46	2.24
653-A6H-0102	A6H-0102	I	10	13.93	2.16	2.05	1.94	1.83

## OMRON A6SR/TR SERIES: PIANO DIP SWITCHES

**Specifications:**

- Switching capacity: 25mA @ 24VDC
- Operating force: 795 gf max.
- Dielectric strength: 500VAC

**Features:**

- Low-profile design with a height of only 5mm
- Pitch of 2.54mm for end-stackable mounting
- Gold-plated twin contacts

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Omron Part No.	Fig.	Number of Positions	Dimension A (mm)	Price Each			
					1	25	50	100
<b>SMT, Long Lever</b>								
653-A6SR-2104	A6SR-2104	J	2	4.98	1.46	1.42	1.38	1.34
653-A6SR-4104	A6SR-4104	J	4	10.06	1.38	1.34	1.30	1.26
653-A6SR-8104	A6SR-8104	J	8	25.30	2.24	2.17	2.07	1.93
<b>Thru-Hole, Short Lever</b>								
653-A6TR-2101	A6TR-2101	K	2	4.98	1.46	1.42	1.38	1.34
653-A6TR-4101	A6TR-4101	K	4	10.06	1.38	1.34	1.30	1.26
<b>Thru-Hole, Long Lever</b>								
653-A6TR-2104	A6TR-2104	L	2	4.98	1.38	1.34	1.30	1.26
653-A6TR-8104	A6TR-8104	L	8	20.22	2.24	2.18	2.07	1.94

## OMRON A6SN/TN SERIES: SLIDE DIP SWITCHES

**Specifications:**

- Switching capacity: 25mA @ 24VDC
- Operating force: 806 gf max.
- Dielectric strength: 300VAC

**Features:**

- Knife-edge structure with high-contact pressure mechanism assures high-reliability and enables washing without seal.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Omron Part No.	Fig.	Number of Positions	Dimension A (mm)	Price Each			
					1	25	50	100
<b>SMT, Flat-Actuated</b>								
653-A6SN-2101	A6SN-2101	M	2	7.00	1.39	1.29	1.24	1.18
653-A6SN-4101	A6SN-4101	M	4	12.10	1.77	1.65	1.57	1.51
653-A6SN-8101	A6SN-8101	M	8	22.30	3.75	3.29	3.14	3.00
<b>SMT, Raised Actuator</b>								
653-A6SN-2104	A6SN-2104	N	2	7.00	1.42	1.29	1.24	1.18
653-A6SN-4104	A6SN-4104	N	4	12.10	1.80	1.65	1.57	1.51
653-A6SN-6104	A6SN-6104	N	6	17.20	2.22	2.03	1.93	1.85
653-A6SN-8104	A6SN-8104	N	8	22.30	3.75	3.45	3.14	3.00
<b>Thru-Hole, Flat-Actuated</b>								
653-A6TN-2101	A6TN-2101	O	2	7.00	.98	.939	.907	.842
653-A6TN-4101	A6TN-4101	O	4	12.10	.98	.939	.907	.842
653-A6TN-6101	A6TN-6101	O	6	17.20	1.30	1.25	1.20	1.12
653-A6TN-8101	A6TN-8101	O	8	22.30	1.91	1.84	1.77	1.65
<b>Thru-Hole, Raised Actuator</b>								
653-A6TN-2104	A6TN-2104	P	2	7.00	.98	.939	.907	.842
653-A6TN-4104	A6TN-4104	P	4	12.10	.98	.939	.907	.842
653-A6TN-6104	A6TN-6104	P	6	17.20	1.30	1.25	1.20	1.12
653-A6TN-8104	A6TN-8104	P	8	22.30	1.91	1.61	1.54	1.49