1825006-8 ✔ ACTIVE

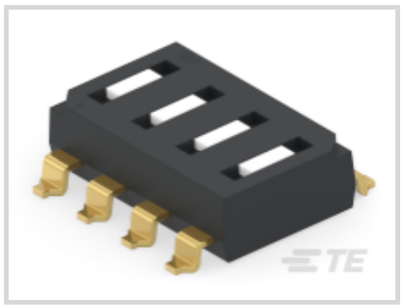
ALCOSWITCH | ALCOSWITCH DIP, ALCOSWITCH DIP GDS

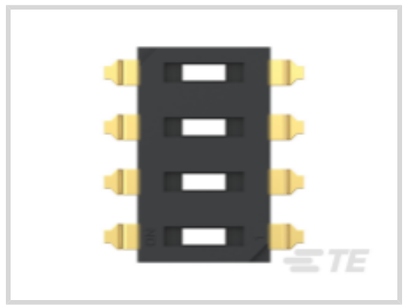
TE Internal #: 1825006-8

DIP Switch, Gold Contact Plating, Black, Polyphenylene Sulfide (PPS), Sealed, 4 Switch, -45 – 100 °C [-49 – 212 °F], Slide Actuator, ALCOSWITCH DIP

View on TE.com >

Switches > DIP & SIP Switches







Switch Contact Plating Material: **Gold**

Case Color: **Black**

Case Material: **Polyphenylene Sulfide (PPS)**

Sealed Device: **Yes**

Number of Switches: **4**

Features

Product Type Features

Leg Style	Gull Wing
Sealed Device	Yes
DIP & SIP Switch Type	DIP
Actuator Style	Slide Actuator

Configuration Features

Number of Positions	4
Number of Switches	4
Configuration (Pole-Throw)	Single Pole - Single Throw

Electrical Characteristics

Contact Current Rating	.1 A
Operating Voltage	50 VDC

Body Features

Sealing Method	Sealing Tape
Actuator Color	White

Product Orientation	Vertical
Case Color	Black
Case Material	Polyphenylene Sulfide (PPS)

Contact Features

	10 µin
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Gold
Switch Contact Plating Material	Gold
Contact Base Material	Copper Alloy

Termination Features

Termination Post & Tail Length	4.3 mm[.169 in]
Termination Method to PCB	Surface Mount

Housing Features

Low Profile	Yes
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Product Length	10.01 mm[.394 in]
Product Height	2.7 mm[.106 in]

Usage Conditions

Operating Temperature Range	-45 – 100 °C[-49 – 212 °F]

Operation/Application

Assembly Process Feature	Auto-Insert Packaging

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Tape & Reel
Packaging Quantity	1000

Product Compliance

For compliance documentation, visit the product page on TE.com>

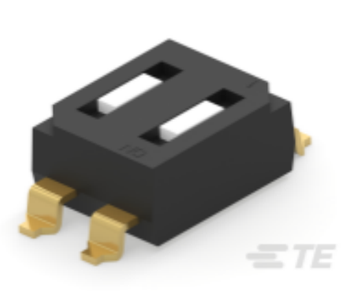
EU RoHS Directive 2011/65/EU	Not Compliant

EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Pb (.5% in 8884301093) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260°C

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

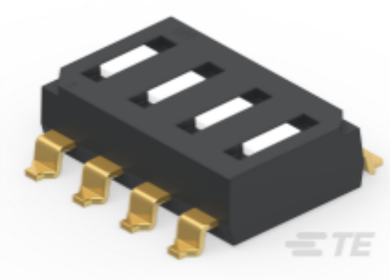
Compatible Parts



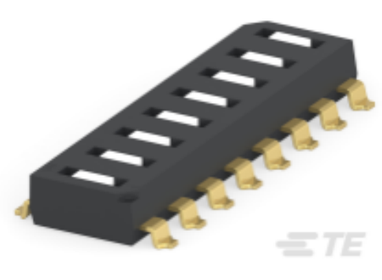
TE Part # 1825006-3
GDS02S04=DIP SW,SLIDE,SMT



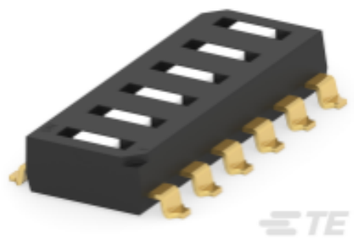
TE Part # 1-1825006-5
GDS08S04=DIP SW,SLIDE,SMT



TE Part # 1825006-7
GDS04S04=DIP SW,SLIDE,SMT

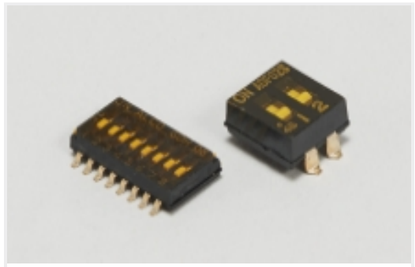


TE Part # 1-1825006-6
GDS08STR04=DIP SW,SLIDE,SMT,TR



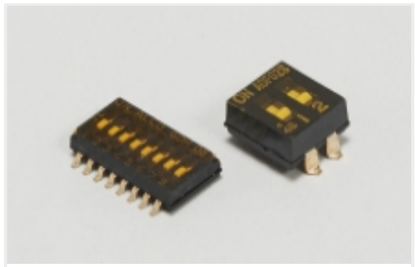
TE Part # 1-1825006-2
GDS06STR04=DIP SW,SLIDE,SMT,TR

Also in the Series | ALCOSWITCH DIP GDS



DIP & SIP Switches(160)

Also in the Series | ALCOSWITCH DIP

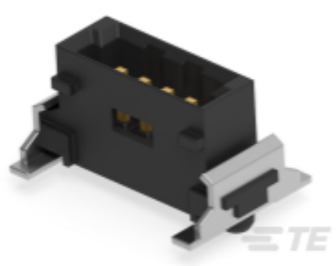


DIP & SIP Switches(160)



Rotary Switches(16)

Customers Also Bought



TE Part #284697-E
SRCP 1,27 4 M 1 SMD 137 E1 094 * GU-H *



TE Part #ANT-433-CW-QW
Antenna 1/4 Wave Whip 433MHz



TE Part #GA10K4A1A
DISCRETE 10K OHMS,+/-0.1C FROM 0C TO 70C



TE Part #1-1422002-0
V23079B2208B301



TE Part #2007304-1
Heat sink Clip QSFP



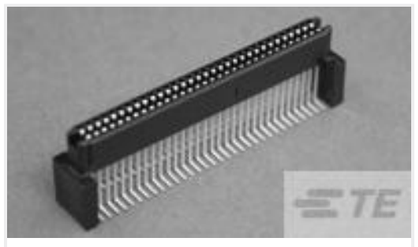
TE Part #2007703-1
IMP100S,R,RA3P10C,LG,39



TE Part #2132538-3
IMP100S,H,V3P6C,UG,OEW39,5.5



TE Part #3-2176337-6
CRGCQ 0402 8K2 1%



TE Part #2-5146896-1
1FHR,64,30A/S,R,C,S14,15

TE Part #2304774-2
EMI/DUST COVER,XFP AND QSFP

Documents

Product Drawings

GDS04STR04=DIP SW,SLIDE,SMT,TR

English

CAD Files

Customer View Model

ENG_CVM_CVM_1825006-8_O.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1825006-8_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1825006-8_O.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

SWITCHES_CORE_PROGRAM_CATALOG

English

SWITCHES_CATALOG_SECTION_A_DIP_SWITCHES

English