



Solid State Relays and Switches
OptoMos® Solid State Relays



As a leading supplier of Solid State Relays (SSRs) to the communications industry, Clare has pioneered wireline interface applications. Clare's products enable communications by providing the critical interface between high voltage electrical signals and the low voltage electronics that process those signals.

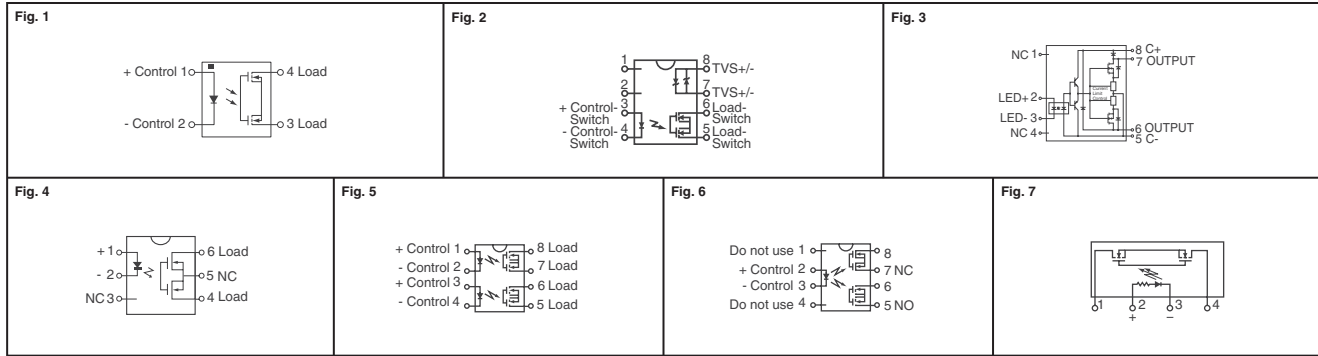


Fig.	Circuit	Load Voltage (V)	Load Current (mA)	Input Control Current (mA)	Switching Speeds TON / TOFF (ms)	Package	Digi-Key Part No.	Price Each			Tape and Reel†		Clare Part No.
								1	25	100	Qty.	Pricing	
1	SPST-NO	60	700	2	5/2	4-SOP	CLA230CT-ND‡	2.28	1.39	1.27	2,000	672.18/M	CPC1002NTR
	SPST-NO	100	300	2	3/1	4-SOP	CLA231CT-ND‡	2.65	1.74	1.54	2,000	904.46/M	CPC1004NTR
	SPST-NO	100	150	2	2/0.5	4-SOP	CLA216CT-ND‡	2.22	1.46	1.29	2,000	758.58/M	CPC1008NTR
	SPST-NO	60	400	2	2/1	4-SOP	CLA314CT-ND‡	2.22	1.46	1.29	2,000	758.58/M	CPC1014NTR
	SPST-NO	100	100	2	2/0.5	4-SOP	CLA232CT-ND‡	2.22	1.46	1.29	2,000	758.58/M	CPC1016NTR
	SPST-NO	60	100	1	10/10	4-SOP	CLA233CT-ND‡	1.51	.93	.85	2,000	447.74/M	CPC1017NTR
	SPST-NO	60	600	2	2/1	4-SOP	CLA225CT-ND‡	3.85	2.69	2.34	2,000	1458.81/M	CPC1018NTR
	SPST-NO	30	1200	50	3/3	4-SOP	CLA318CT-ND‡	3.85	2.69	2.34	2,000	1458.81/M	CPC1020NTR
	SPST-NO	400	120	2	2/1	4-SOP	CLA234CT-ND‡	2.26	1.49	1.31	2,000	773.17/M	CPC1025NTR
	SPST-NO	350	120	2	2/1	4-SOP	CLA217CT-ND‡	2.94	1.94	1.71	2,000	1006.58/M	CPC1030NTR
	SPST-NO	350	100	2	2/1	4-SOP	CLA218CT-ND‡	2.56	1.69	1.49	2,000	875.29/M	CPC1035NTR
	SPST-NC	60	150	1	1/2	4-SOP	CLA268CT-ND‡	2.32	1.42	1.30	2,000	686.76/M	CPC1117NTR
	SPST-NC	350	120	2	2/2	4-SOP	CLA226CT-ND‡	3.84	2.53	2.23	2,000	1312.93/M	CPC1130NTR
	SPST-NC	350	120	2	1/2	4-SOP	CLA219CT-ND‡	2.94	1.94	1.71	2,000	1006.58/M	CPC1150NTR
	SPST-NC	400	120	2	2/1	4-SOP	CLA312CT-ND‡	2.60	1.72	1.51	2,000	889.88/M	CPC1225NTR
	SPST-NO	350	120	2	2/1	4-SOP	CLA161-ND	3.14	2.07	1.80	—	—	CPC1230N
	SPST-NO	350	120	2	2/1	4-SOP	CLA235CT-ND‡	2.51	1.66	1.46	2,000	860.70/M	CPC1230NTR
	SPST-NO	400	140	2	1/0.5	4-Dip	CLA275-ND	2.95	1.94	1.69	—	—	CPC1390G
	SPST-NO	400	140	2	1/0.5	4-SMD	CLA269CT-ND‡	3.20	2.11	1.86	1,000	1156.95	CPC1390GRTR
	SPST-NO	600	100	5	5/5	4-Dip	CLA276-ND	3.03	1.99	1.73	—	—	CPC1393G
SPST-NO	600	100	5	5/5	4-SMD	CLA270CT-ND‡	3.29	2.17	1.91	1,000	1188.37	CPC1393GRTR	
SPST-NO	250	200	5	2/2	6-Dip	CLA277-ND	3.38	2.22	1.94	—	—	CPC1510G	
SPST-NO	250	200	5	2/2	6-SMD	CLA272CT-ND‡	3.67	2.42	2.13	1,000	1327.52	CPC1510GSTR	
2	SPST-NO	350	100	1	10/10	8-Flatpack	CLA287CT-ND‡	3.31	2.18	1.92	—	—	CPC1335PTR
3	SPST-NO	10	300	10	18/88µs	8-Dip	CLA304-ND	3.77	2.48	2.16	—	—	CPC1560G
	SPST-NO	10	300	10	18/88µs	8-SMD	CLA305CT-ND‡	4.10	2.70	2.37	1,000	1481.25	CPC1560GSTR
4	SPST-NO	350	120	5	5/5	6-SMD	CLA245CT-ND‡	3.09	2.16	1.88	—	—	LCA100STR
	SPST-NO	350	120	2	3/3	6-Dip	CLA101-ND	2.79	1.84	1.60	—	—	LCA110
	SPST-NO	350	120	2	3/3	6-SMD	CLA102CT-ND‡	3.03	2.00	1.76	1,000	1095.23	LCA110STR
	SPST-NO	250	170	5	5/5	6-Dip	CLA178-ND	3.57	2.50	2.15	—	—	LCA120
	SPST-NO	250	170	5	5/5	6-SMD	CLA246CT-ND‡	3.99	2.79	2.43	1,000	1611.42	LCA120STR
	SPST-NO	350	170	5	5/5	6-Dip	CLA179-ND	4.14	2.90	2.49	—	—	LCA125
	SPST-NO	350	170	5	5/5	6-SMD	CLA247CT-ND‡	4.63	3.23	2.81	1,000	1866.15	LCA125STR
	SPST-NO	250	200	5	5/5	6-Dip	CLA180-ND	4.14	2.90	2.49	—	—	LCA127
	SPST-NO	250	200	5	5/5	6-SMD	CLA248CT-ND‡	4.63	3.23	2.81	1,000	1866.15	LCA127STR
	SPST-NO	60	1000	10	2.5/0.25	6-Dip	CLA181-ND	6.63	4.65	3.98	—	—	LCA710
	SPST-NO	60	1000	10	2.5/0.25	6-SMD	CLA249CT-ND‡	7.29	5.09	4.43	1,000	2940.06	LCA710STR
	SPST-NO	60	1800	10	2.5/0.25	6-Dip	CLA308-ND	6.93	4.86	4.17	—	—	LCA715
	SPST-NO	60	1800	10	2.5/0.25	6-SMD	CLA309CT-ND‡	7.63	5.32	4.63	1,000	3074.72	LCA715STR
	SPST-NO	30	2000	2	3/3	6-SMD	CLA324-ND NEW!	6.93	4.86	4.17	—	—	LCA717S
	SPST-NO	30	2000	2	3/3	6-Dip	CLA325-ND NEW!	6.93	4.86	4.17	—	—	LCA717
	SPST-NC	350	120	5	3/3	6-Dip	CLA105-ND	3.37	2.36	2.02	—	—	LCB110
	SPST-NC	350	120	5	3/3	6-SMD	CLA250CT-ND‡	3.78	2.64	2.29	1,000	1522.77	LCB110STR
	SPST-NC	250	170	5	5/5	6-Dip	CLA182-ND	4.21	2.95	2.53	—	—	LCB120
	SPST-NC	250	170	5	5/5	6-SMD	CLA251CT-ND‡	4.63	3.92	2.37	1,000	1895.33	LCB120STR
	SPST-NC	250	200	5	5/5	6-Dip	CLA183-ND	4.92	3.45	2.95	—	—	LCB127
SPST-NC	250	200	5	5/5	6-SMD	CLA252CT-ND‡	5.41	3.77	3.28	1,000	2179.23	LCB127STR	
SPST-NC	60	500	2	3/3	6-Dip	CLA310-ND	5.89	4.13	3.54	—	—	LCB716	
SPST-NC	60	500	2	3/3	6-SMD	CLA311CT-ND‡	6.49	4.52	3.93	1,000	2612.39	LCB716STR	
SPST-NO	400	150	5	1/0.25	6-Dip	CLA107-ND	4.34	3.04	2.61	—	—	PLA110	
SPST-NO	400	150	5	1/0.25	6-SMD	CLA263CT-ND‡	4.85	3.39	2.95	1,000	1954.80	PLA110STR	
SPST-NO	100	350	5	5/5	6-Dip	CLA192-ND	5.12	3.59	3.08	—	—	PLA134	
SPST-NO	100	350	5	5/5	6-SMD	CLA264CT-ND‡	5.70	3.98	3.46	1,000	2298.18	PLA134STR	
SPST-NO	250	250	5	2.5/0.5	6-Dip	CLA193-ND	5.12	3.59	3.08	—	—	PLA150	
SPST-NO	250	250	5	2.5/0.5	6-SMD	CLA228CT-ND‡	4.63	3.23	2.81	1,000	2283.60	PLA150STR	
SPST-NC	250	250	5	1/2.5	6-Dip	CLA194-ND	6.06	4.25	3.64	—	—	PLB150	
SPST-NC	250	250	5	1/2.5	6-SMD	CLA229CT-ND‡	6.67	4.65	4.04	1,000	2686.45	PLB150STR	
SPST-NO	350	100	5	5/5	6-Dip	CLA200-ND	2.95	1.94	1.69	—	—	XCA170	
SPST-NO	350	100	5	5/5	6-SMD	CLA267CT-ND‡	2.68	1.77	1.56	—	—	XCA170STR	
5	DPST-NO/NO	350	120	5	3/3	8-Dip	CLA103-ND	5.42	3.80	3.26	—	—	LAA110
	DPST-NO/NO	350	120	5	3/3	8-SMD	CLA236CT-ND‡	5.96	4.16	3.62	1,000	2402.54	LAA110STR

§ Input Voltage - 1.2V Typical, 1.4V Maximum † For Tape and Reel part number, change CT-ND to TR-ND. ‡ Cut Tape

(Continued)

Digi-Reel® Most SMT cutdown parts are available on a Digi-Reel®. For Digi-Reel part number, change 1-ND to 6-ND or CT-ND to DKR-ND. See Digi-Key® Services on page 2 for additional information.

Free shipping on orders over \$200 CAD! All prices in Canadian dollars and include duty and brokerage fees.

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