

# SHARP Microelectronics Photocouplers

**SHARP**  
MICROELECTRONICS  
OF THE AMERICAS

**SHARP** PHOTOCOUPERS  
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OF THE AMERICAS

Opto Components  
Sharp

MOUSER STOCK NO.	Sharp Part No.	Pkg.	Output Type	Current Transfer Ratio				Output		Price Each			
				Min (%)	Max (%)	@ Vce	@ If	Vceo Max.	Ic Max.	1	10	25	50
852-PC12310NSZ0F	PC12310NSZ0F	DIP-4	Phototransistor	50	400	5V	5mA	70V	50mA	.67	.57	.48	.38
852-PC12311NSZ0F	PC12311NSZ0F	DIP-4	Phototransistor	50	400	5V	5mA	70V	50mA	.70	.60	.50	.40
852-PC123AJ0000F	PC123AJ0000F	DIP-4	Phototransistor	50	400	5V	5mA	70V	50mA	.67	.57	.48	.38
852-PC123BJ0000F	PC123BJ0000F	DIP-4	Phototransistor	50	400	5V	5mA	70V	50mA	.67	.57	.48	.38
852-PC123CJ0000F	PC123CJ0000F	DIP-4	Phototransistor	50	400	5V	5mA	70V	50mA	.46	.39	.33	.26
852-PC123F1J000F	PC123F1J000F	DIP-4	Phototransistor	50	400	5V	5mA	70V	50mA	.70	.60	.50	.40
852-PC123F2J000F	PC123F2J000F	DIP-4	Phototransistor	50	400	5V	5mA	70V	50mA	.70	.60	.50	.40
852-PC123FJ0000F	PC123FJ0000F	DIP-4	Phototransistor	50	400	5V	5mA	70V	50mA	.67	.57	.48	.38
852-PC123FY1J00F	PC123FY1J00F	DIP-4	Phototransistor	50	400	5V	5mA	70V	50mA	.84	.72	.60	.48
852-PC123FY2J00F	PC123FY2J00F	DIP-4	Phototransistor	50	400	5V	5mA	70V	50mA	.77	.66	.55	.44
852-PC123FY5J00F	PC123FY5J00F	DIP-4	Phototransistor	50	400	5V	5mA	70V	50mA	.77	.66	.55	.44
852-PC123FY8J00F	PC123FY8J00F	DIP-4	Phototransistor	50	400	5V	5mA	70V	50mA	.84	.72	.60	.48
852-PC123FYJ000F	PC123FYJ000F	DIP-4	Phototransistor	50	400	5V	5mA	70V	50mA	.77	.66	.55	.44
852-PC123J00000F	PC123J00000F	DIP-4	Phototransistor	50	400	5V	5mA	70V	50mA	.60	.51	.43	.34
852-PC123P2J000F	PC123P2J000F	DIP-4	Phototransistor	50	400	5V	5mA	70V	50mA	.67	.57	.48	.38
852-PC123PJ0000F	PC123PJ0000F	DIP-4	Phototransistor	50	400	5V	5mA	70V	50mA	.63	.54	.45	.36
852-PC123PY2J00F	PC123PY2J00F	DIP-4	Phototransistor	50	400	5V	5mA	70V	50mA	.95	.81	.68	.54
852-PC123SJ0000F	PC123SJ0000F	DIP-4	Phototransistor	50	400	5V	5mA	70V	50mA	.74	.63	.53	.42
852-PC123Y1J000F	PC123Y1J000F	DIP-4	Phototransistor	50	400	5V	5mA	70V	50mA	.77	.66	.55	.44
852-PC123Y22J00F	PC123Y22J00F	DIP-4	Phototransistor	50	400	5V	5mA	70V	50mA	.32	.27	.23	.18
852-PC123Y23J00F	PC123Y23J00F	DIP-4	Phototransistor	50	400	5V	5mA	70V	50mA	.39	.33	.28	.22
852-PC123Y2J000F	PC123Y2J000F	DIP-4	Phototransistor	50	400	5V	5mA	70V	50mA	.77	.66	.55	.44
852-PC123Y5J000F	PC123Y5J000F	DIP-4	Phototransistor	50	400	5V	5mA	70V	50mA	.53	.45	.38	.30
852-PC123YA2J00F	PC123YA2J00F	DIP-4	Phototransistor	50	400	5V	5mA	70V	50mA	.39	.33	.28	.22
852-PC123YC2J00F	PC123YC2J00F	DIP-4	Phototransistor	50	400	5V	5mA	70V	50mA	.39	.33	.28	.22
852-PC123YJ0000F	PC123YJ0000F	DIP-4	Phototransistor	50	400	5V	5mA	70V	50mA	.74	.63	.53	.42
852-PC123YSJ000F	PC123YSJ000F	DIP-4	Phototransistor	50	400	5V	5mA	70V	50mA	.84	.72	.60	.48
852-PC123ZY2J00F	PC123ZY2J00F	DIP-4	Phototransistor	50	400	5V	5mA	70V	50mA	.63	.54	.45	.36
852-PC353TJ0000F	PC353TJ0000F	SOP-5	Phototransistor	50	600	5V	5mA	80V	-	.95	1.05	.88	.70
852-PC354N1J000F	PC354N1J000F	SOP-4	Phototransistor	20	400	-	1mA	80V	50mA	.67	.81	.68	.54
852-PC354N1TJ00F	PC354N1TJ00F	SOP-4	Phototransistor	20	400	-	1mA	80V	50mA	.70	.81	.68	.54
852-PC354NJ0000F	PC354NJ0000F	SOP-4	Phototransistor	20	400	-	1mA	80V	50mA	.95	.57	.48	.38
852-PC354NTJ000F	PC354NTJ000F	SOP-4	Phototransistor	20	400	-	1mA	80V	50mA	1.09	.60	.50	.40
852-PC355NJ0000F	PC355NJ0000F	SOP-4	Phototransistor	120	1500	2V	1mA	35V	80mA	.67	.81	.68	.54
852-PC355NTJ000F	PC355NTJ000F	SOP-4	Phototransistor	120	1500	2V	1mA	35V	80mA	.77	.93	.78	.62
852-PC357N0J000F	PC357N0J000F	SOP-4	Phototransistor	50	600	5V	5mA	80V	50mA	.67	.57	.48	.38
852-PC357N0TJ00F	PC357N0TJ00F	SOP-4	Phototransistor	50	600	5V	5mA	80V	50mA	.77	.66	.55	.44
852-PC357N1J000F	PC357N1J000F	SOP-4	Phototransistor	50	600	5V	5mA	80V	50mA	.67	.57	.48	.38
852-PC357N1TJ00F	PC357N1TJ00F	SOP-4	Phototransistor	50	600	5V	5mA	80V	50mA	.77	.66	.55	.44
852-PC357N2J000F	PC357N2J000F	SOP-4	Phototransistor	50	600	5V	5mA	80V	50mA	.67	.57	.48	.38
852-PC357N2TJ00F	PC357N2TJ00F	SOP-4	Phototransistor	50	600	5V	5mA	80V	50mA	.74	.66	.55	.44
852-PC357N3J000F	PC357N3J000F	SOP-4	Phototransistor	50	600	5V	5mA	80V	50mA	.67	.57	.48	.38
852-PC357N3TJ00F	PC357N3TJ00F	SOP-4	Phototransistor	50	600	5V	5mA	80V	50mA	.77	.63	.53	.42
852-PC357N4J000F	PC357N4J000F	SOP-4	Phototransistor	50	600	5V	5mA	80V	50mA	.67	.57	.48	.38
852-PC357N4TJ00F	PC357N4TJ00F	SOP-4	Phototransistor	50	600	5V	5mA	80V	50mA	.77	.66	.55	.44
852-PC357N5J000F	PC357N5J000F	SOP-4	Phototransistor	50	600	5V	5mA	80V	50mA	.67	.57	.48	.38
852-PC357N5TJ00F	PC357N5TJ00F	SOP-4	Phototransistor	50	600	5V	5mA	80V	50mA	.77	.66	.55	.44
852-PC357N6J000F	PC357N6J000F	SOP-4	Phototransistor	50	600	5V	5mA	80V	50mA	.67	.57	.48	.38
852-PC357N6TJ00F	PC357N6TJ00F	SOP-4	Phototransistor	50	600	5V	5mA	80V	50mA	.77	.66	.55	.44
852-PC357N7J000F	PC357N7J000F	SOP-4	Phototransistor	50	600	5V	5mA	80V	50mA	.67	.57	.48	.38
852-PC357N7TJ00F	PC357N7TJ00F	SOP-4	Phototransistor	50	600	5V	5mA	80V	50mA	.77	.66	.55	.44
852-PC357N8J000F	PC357N8J000F	SOP-4	Phototransistor	50	600	5V	5mA	80V	50mA	.63	.57	.48	.38
852-PC357N8TJ00F	PC357N8TJ00F	SOP-4	Phototransistor	50	600	5V	5mA	80V	50mA	.77	.66	.55	.44
852-PC357N9J000F	PC357N9J000F	SOP-4	Phototransistor	50	600	5V	5mA	80V	50mA	.63	.54	.45	.36
852-PC357N9TJ00F	PC357N9TJ00F	SOP-4	Phototransistor	50	600	5V	5mA	80V	50mA	.67	.66	.55	.44
852-PC357NJ0000F	PC357NJ0000F	SOP-4	Phototransistor	50	600	5V	5mA	80V	50mA	.70	.54	.45	.36
852-PC357NTJ000F	PC357NTJ000F	SOP-4	Phototransistor	50	600	5V	5mA	80V	50mA	.95	.57	.48	.38
852-PC357T13J00F	PC357T13J00F	SOP-4	Phototransistor	50	600	5V	5mA	80V	50mA	.95	.60	.50	.40
852-PC364N1J000F	PC364N1J000F	SOP-4	Phototransistor	60	1200	2V	0.5mA	35V	80mA	.91	.81	.68	.54
852-PC364N1T000F	PC364N1T000F	SOP-4	Phototransistor	60	1200	2V	0.5mA	35V	80mA	.91	.81	.68	.54
852-PC364NJ0000F	PC364NJ0000F	SOP-4	Phototransistor	60	1200	2V	0.5mA	35V	80mA	.77	.78	.65	.52
852-PC364NTJ000F	PC364NTJ000F	SOP-4	Phototransistor	60	1200	2V	0.5mA	35V	80mA	.74	.78	.65	.52
852-PC365NJ0000F	PC365NJ0000F	SOP-4	Phototransistor	60	1200	2V	0.5mA	35V	80mA	.74	.66	.55	.44
852-PC367N1J000F	PC367N1J000F	SOP-4	Phototransistor	60	1200	2V	0.5mA	80V	50mA	.70	.63	.53	.42
852-PC367N1TJ00F	PC367N1TJ00F	SOP-4	Phototransistor	60	1200	2V	0.5mA	80V	50mA	.74	.63	.53	.42
852-PC367N2J000F	PC367N2J000F	SOP-4	Phototransistor	60	1200	2V	0.5mA	80V	50mA	.67	.60	.50	.40
852-PC367N2TJ00F	PC367N2TJ00F	SOP-4	Phototransistor	60	1200	2V	0.5mA	80V	50mA	.70	.63	.53	.42
852-PC367NJ0000F	PC367NJ0000F	SOP-4	Phototransistor	60	1200	2V	0.5mA	80V	50mA	.91	.57	.48	.38
852-PC367NTJ000F	PC367NTJ000F	SOP-4	Phototransistor	60	1200	2V	0.5mA	80V	50mA	.91	.60	.50	.40
852-PC3H410NIP0F	PC3H410NIP0F	SOP-4	Phototransistor	50	400	-	0.5mA	-	-	.70	.78	.65	.52
852-PC3H411NIP0F	PC3H411NIP0F	SOP-4	Phototransistor	50	400	-	0.5mA	-	-	.67	.78	.65	.52
852-PC3H4AJ0000F	PC3H4AJ0000F	SOP-4	Phototransistor	20	400	-	1mA	80V	50mA	.74	.60	.50	.40
852-PC3H4J00000F	PC3H4J00000F	SOP-4	Phototransistor	20	400	-	1mA	80V	50mA	.91	.57	.48	.38
852-PC3H4TKJ000F	PC3H4TKJ000F	SOP-4	Phototransistor	20	400	-	1mA	80V	50mA	.84	.63	.53	.42
852-PC3H510NIP0F	PC3H510NIP0F	SOP-4	Phototransistor	60	1200	2V	0.5A	80V	-	.70	.78	.65	.52
852-PC3H5J00000F	PC3H5J00000F	SOP-4	Phototransistor	120	1500	2V	1mA	35V	80mA	.77	.72	.60	.48
852-PC3H710NIP0F	PC3H710NIP0F	SOP-4	Phototransistor	100	700	5V	0.5mA	80V	50mA	.77	.60	.50	.40