

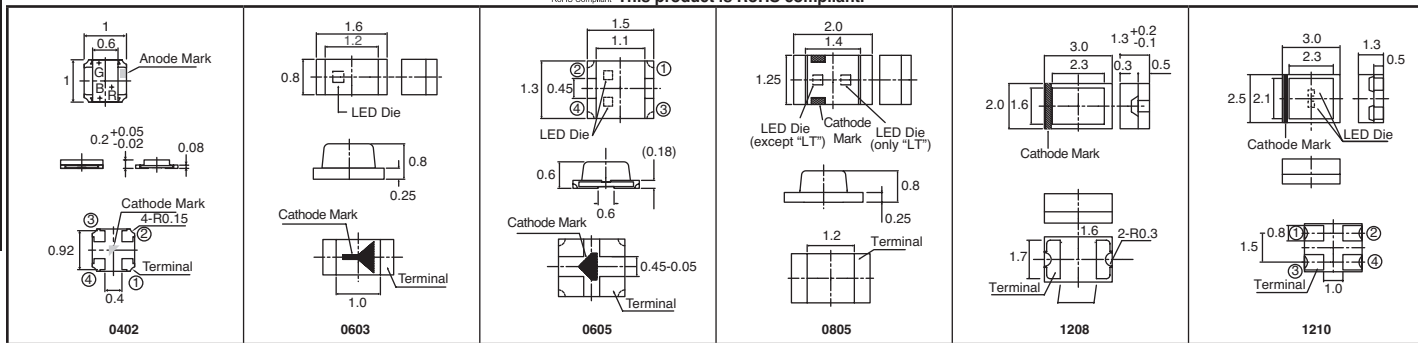
# ROHM SEMICONDUCTOR SMT LEDs

**ROHM**  
SEMICONDUCTOR

This product is RoHS compliant.

LED Indication

ROHM Semiconductor



DIMENSIONS: mm

## ROHM RGB LEDs

**NEW**  
PRODUCT

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Package	Color	Wavelength (nm)	LV Min (mcd)	Price Each			
Mfr.	Mfr. Part No.					1	25	100	500
755	SMLP34RGB1W3	0404	RGB	470/527/624	18/71/28	3.27	1.42	1.10	.897
755	SMLP36RGB1W3	0604	RGB	470/527/624	18/71/28	3.27	1.42	1.10	.897
755	SML032RGB1T1	PLCC-6	RGB	470/530/630	125/500/350	3.45	2.12	1.87	1.66
755	SMLV56RGB1W1	PLCC-6	RGB	624/527/470	700/1200/400	2.60	1.53	1.29	1.14
755	SMLW56RGB1W1	7.9x5.0	RGB	624/527/470	700/1200/400	2.75	1.62	1.36	1.20
755	SMLP34RGB2W3	0404	RGB	624/527/470	35/110/45	1.47	1.22	.98	.69
755	MSL0201RGBW1	-	RGB	624/527/470	25/90/22	1.20	1.00	.80	.56

## ROHM ULTRA-COMPACT SURFACE MOUNT REMOTE CONTROL PHOTORECEIVER MODULE

ROHM's RPMS2401-H19 photoreceiver, utilizing original miniaturization technology, features the smallest mounting area in the world. In addition, the S/N ratio in broad daylight is significantly improved due to ROHM's unique optical technology.

January 2007 ROHM study

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MOUSER STOCK NO.		Supply Voltage (max) (V)	Output Current (mA)	Consump. Current (Typ.) (mA)	Center Freq. (Typ.) (kHz)	Price Each			
Mfr.	Mfr. Part No.					1	10	100	500
755	RPMS1371-H19E4A	6.3	2	300μ	36.7	2.03	1.58	1.19	1.10
755	RPMS1381-H19E4A	6.3	2	300μ	37.9	2.03	1.58	1.19	1.10
755	RPMS1401-H19E4A	6.3	2	300μ	40	2.03	1.58	1.19	1.10
755	RPMS2381-H19E4A	6.3	2	0.95	37.9	2.03	1.58	1.19	1.10
755	RPMS2401-H19E4A	6.3	2	0.95	40	2.03	1.58	1.19	1.10

## ROHM PICOLED™ LEDs (0402)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Color	Wavelength (nm)	LV Min (mcd)	Price Each			
Mfr.	Mfr. Part No.				1	25	100	500
755	SML-P11DTT86	Orange	605	2.5	.41	.19	.134	.124
755	SML-P11UTT86	Red	621	1.6	.41	.19	.134	.124
755	SML-P11VTT86	Red	626	1	.41	.19	.134	.124
755	SMLP12BC7T86	Blue	465	5.6	.69	.33	.276	.238
755	SML-P12DTT86	Orange	605	40	.37	.17	.134	.109
755	SML-P12MTT86	Yellow-Grn	572	10	.37	.17	.134	.109
755	SML-P12PTT86	Green	560	4	.37	.17	.134	.109
755	SML-P12UTT86	Red	620	25	.37	.17	.134	.109
755	SML-P12VTT86	Red	630	25	.37	.17	.134	.109
755	SML-P12WBC7W1	White	-	71	.95	.452	.382	.329
755	SML-P12YTT86	Yellow	590	40	.37	.17	.134	.109
755	SML-P24MUWT86	Red, Green	572/620	52	.59	.29	.22	.189

## ROHM 0605 LEDs

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Color	Wavelength (nm)	LV Min (mcd)	Price Each			
Mfr.	Mfr. Part No.				1	25	100	500
755	SML-521MUWT86	Green/Red	570/630	5.6/22	.95	.46	.38	.32
755	SML-522MUWT86	Green/Red	630/570	14/22	.95	.46	.371	.273
755	SML-A12D8TT86	Orange	605	100	.51	.37	.257	.138
755	SML-A12M8TT86	Yellow/Grn	572	25	.51	.37	.257	.138
755	SML-A12MT86	Green	570	14	.54	.26	.20	.163
755	SML-A12P8TT86	Green	560	6.3	.51	.37	.257	.138
755	SML-A12U8TT86	Red	520	63	.51	.37	.257	.138
755	SML-A12UT86	Red	630	36	.54	.26	.20	.163
755	SML-A12V8TT86	Red	530	40	.51	.37	.257	.138
755	SML-A12WTT86	Yellow	590	36	.54	.26	.20	.163
755	SML-A12Y8TT86	Yellow	590	63	.51	.37	.257	.138
755	SMLA13WBDW1	White	-	170	3.08	1.71	1.50	1.14

## ROHM 0603 LEDs

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Color	Wavelength (nm)	LV Min (mcd)	Price Each			
Mfr.	Mfr. Part No.				1	25	100	500
755	SML310BATT86	Blue	428	1.4	1.21	.66	.545	.482
755	SML-310DTT86	Orange	610	2.2	.23	.093	.078	.057
755	SML-310LTT86	Red	660	3.6	.28	.111	.095	.069
755	SML-310MTT86	Green	570	3.6	.27	.12	.093	.075
755	SML-310PTT86	Pure Green	555	1.4	.23	.093	.078	.057
755	SML-310VTT86	Red	650	1.4	.22	.088	.074	.054
755	SML-310YTT86	Yellow	585	2.2	.30	.12	.101	.074
755	SML-311DTT86	Orange	611	0.9	.37	.18	.135	.11
755	SML-311UTT86	Red	630	0.9	.51	.24	.187	.152
755	SML-311YTT86	Yellow	590	0.9	.47	.22	.172	.131
755	SML312BCTT86	Blue	468	63	2.28	1.34	1.14	1.04
755	SML312ECTT86	Green	518	90	2.28	1.34	1.14	1.04
755	SML-510MWT86	Green	570	3.6	.30	.13	.104	.084
755	SML-511UWT86	Red	630	14	.41	.20	.15	.123
755	SML-511VWT86	Yellow	590	22	.41	.20	.15	.123
755	SML512BC4TT86	Blue	468	5.6	1.22	.99	.798	.562
755	SML512BC5TT86	Blue	468	16	1.12	.54	.44	.324
755	SML-512MWT86	Green	570	14	.50	.29	.218	.178
755	SML-512PWT86A	Green	563	5.6	.52	.39	.281	.182
755	SML-512UWT86	Red	630	22	.50	.29	.218	.178
755	SML-512VWT86A	Red	639	35.5	.52	.39	.281	.182
755	SML-512WWT86	Yellow	590	36	.50	.24	.184	.15
755	SML-D12M8WT86	Yellow-Grn	572	10	.30	.13	.102	.083
755	SML-D12U8WT86	Red	620	6.3	.30	.13	.102	.083
755	SML-D12V8WT86	Red	630	40	.30	.13	.102	.083
755	SML-D12Y8WT86	Yellow	590	25	.30	.13	.089	.081
755	SMLE12BC7TT86	Blue	468	9	.59	.36	.27	.199
755	SMLE12EC6TT86	Blue-Green	527	85	.96	.72	.621	.45
755	SMLE12WBC7W1	White	-	71	.59	.449	.345	.218
755	SML-E12U8WT86	Red	620	25	.34	.15	.116	.096
755	SML-E12UWT86	Red	624	36	.25	.18	.137	.109
755	SML-E12V8WT86	Red	630	16	.34	.15	.116	.096

## ROHM 0805 LEDs

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Color	Wavelength (nm)	LV Min (mcd)	Price Each			
Mfr.	Mfr. Part No.				1	25	100	500
755	SML-210DTT86	Orange	610	2.2	.41	.19	.172	.126
755	SML-210FTT86	Green	560	1.4	.43	.20	.178	.131
755	SML-210LTT86	Red	660	3.6	.30	.14	.124	.091
755	SML-210MTT86	Green	570	3.6	.50	.19	.169	.123
755	SML-210PTT86	Pure Green	555	1.4	.43	.20	.178	.131
755	SML-210VTT86	Red	650	1.4	.54	.20	.181	.132
755	SML-210YTT86	Yellow	585	2.2	.30	.14	.124	.091
755	SML-211DTT86	Orange	611	0.9	.68	.32	.25	.206
755	SML-211UTT86	Red	630	0.9	.68	.32	.25	.206
755	SML-211YTT86	Yellow	590	1.4	.68	.32	.25	.206
755	SML-212U2TT86A	Red	625	71	.68	.32	.243	.199

## ROHM 1208 LEDs

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Color	Wavelength (nm)	LV Min (mcd)	Price Each			
Mfr.	Mfr. Part No.				1	25	100	500
755	SML-010LTT86	Red	660	5.6	.62	.29	.229	.187
755	SML-010MTT86	Green	570	5.6	.58	.28	.214	.175
755	SML-010VTT86	Red	650	2.2	.59	.28	.217	.177
755	SML-010YTT86	Yellow	585	2.2	.59	.28	.217	.177
755	SML012BCTT86	Blue	468	36	1.89	1.05	.912	.814
755	SML-012D8TT86	Orange	605	63	.34	.28	.178	.114
755	SML-012DTT86	Orange	611	36	.57	.27	.223	.188
755	SML012ECTT86	Green	518	140	2.40	1.41	1.20	1.10
755	SML-012M8TT86	Green	572	10	.34	.28	.178	.114
755	SML-012U8TT86	Red	620	40	.34	.28	.178	.114
755	SML-012VTT86	Red	630	36	.57	.28	.229	.192
755	SML-012V8TT86	Red	630	25	.34	.28	.178	.114
755	SML-012Y8TT86	Yellow	590	63	.34	.28	.178	.114
755	SML013BDTT86	Blue	470	250	1.26	.92	.805	.56
755	SML013WBDW1	White	-	900	2.59	1.43	1.26	1.12

## ROHM 1210 LEDs

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Color	Wavelength (nm)	LV Min (mcd)	Price Each			
Mfr.	Mfr. Part No.				1	25	100	500
755	SML-020MLTT86	Green/Red	660	9	.78	.38	.312	.263
755	SML-020MVT86	Red/Green	650/570	3.6/9	.80	.39	.321	.271