



IR Emitter Footprint and Schematic Information

The footprint and schematic symbols for the following parts can be accessed using the associated links. They are available in Eagle, Altium, KiCad, OrCAD / Allegro, Pulsonix, and PADS.

PART NUMBER	FOOTPRINT / SCHEMATIC
CQY36N	www.snapeda.com/parts/CQY36N/Vishay%20Semiconductor%20Opto%20Division/view-part
CQY37N	www.snapeda.com/parts/CQY37N/Vishay%20Semiconductor%20Opto%20Division/view-part
TSAL4400	www.snapeda.com/parts/TSAL4400/Vishay%20Semiconductor%20Opto%20Division/view-part
TSAL6100	www.snapeda.com/parts/TSAL6100/Vishay%20Semiconductor%20Opto%20Division/view-part
TSAL6100UL	www.snapeda.com/parts/TSAL6100UL/Vishay%20Semiconductor%20Opto%20Division/view-part
TSAL6102	www.snapeda.com/parts/TSAL6102/Vishay%20Semiconductor%20Opto%20Division/view-part
TSAL6200	www.snapeda.com/parts/TSAL6200/Vishay%20Semiconductor%20Opto%20Division/view-part
TSAL6400	www.snapeda.com/parts/TSAL6400/Vishay%20Semiconductor%20Opto%20Division/view-part
TSAL7200	www.snapeda.com/parts/TSAL7200/Vishay%20Semiconductor%20Opto%20Division/view-part
TSFF5210	www.snapeda.com/parts/TSFF5210/Vishay%20Semiconductor%20Opto%20Division/view-part
TSFF5410	www.snapeda.com/parts/TSFF5410/Vishay%20Semiconductor%20Opto%20Division/view-part
TSFF5510	www.snapeda.com/parts/TSFF5510/Vishay%20Semiconductor%20Opto%20Division/view-part
TSFF6210	www.snapeda.com/parts/TSFF6210/Vishay%20Semiconductor%20Opto%20Division/view-part
TSFF6410	www.snapeda.com/parts/TSFF6410/Vishay%20Semiconductor%20Opto%20Division/view-part
TSHA4400	www.snapeda.com/parts/TSHA4400/Vishay%20Semiconductor%20Opto%20Division/view-part
TSHA4401	www.snapeda.com/parts/TSHA4401/Vishay%20Semiconductor%20Opto%20Division/view-part
TSHA5200	www.snapeda.com/parts/TSHA5200/Vishay%20Semiconductor%20Opto%20Division/view-part
TSHA5201	www.snapeda.com/parts/TSHA5201/Vishay%20Semiconductor%20Opto%20Division/view-part
TSHA5202	www.snapeda.com/parts/TSHA5202/Vishay%20Semiconductor%20Opto%20Division/view-part
TSHA5203	www.snapeda.com/parts/TSHA5203/Vishay%20Semiconductor%20Opto%20Division/view-part
TSHA5500	www.snapeda.com/parts/TSHA5500/Vishay%20Semiconductor%20Opto%20Division/view-part
TSHA6200	www.snapeda.com/parts/TSHA6200/Vishay%20Semiconductor%20Opto%20Division/view-part
TSHA6201	www.snapeda.com/parts/TSHA6201/Vishay%20Semiconductor%20Opto%20Division/view-part
TSHA6202	www.snapeda.com/parts/TSHA6202/Vishay%20Semiconductor%20Opto%20Division/view-part
TSHA6203	www.snapeda.com/parts/TSHA6203/Vishay%20Semiconductor%20Opto%20Division/view-part
TSHA6203UL	www.snapeda.com/parts/TSHA6203UL/Vishay%20Semiconductor%20Opto%20Division/view-part
TSHA6500	www.snapeda.com/parts/TSHA6500/Vishay%20Semiconductor%20Opto%20Division/view-part
TSHF5210	www.snapeda.com/parts/TSHF5210/Vishay%20Semiconductor%20Opto%20Division/view-part
TSHF5410	www.snapeda.com/parts/TSHF5410/Vishay%20Semiconductor%20Opto%20Division/view-part
TSHF6210	www.snapeda.com/parts/TSHF6210/Vishay%20Semiconductor%20Opto%20Division/view-part
TSHF6410	www.snapeda.com/parts/TSHF6410/Vishay%20Semiconductor%20Opto%20Division/view-part
TSHG5210	www.snapeda.com/parts/TSHG5210/Vishay%20Semiconductor%20Opto%20Division/view-part
TSHG5410	www.snapeda.com/parts/TSHG5410/Vishay%20Semiconductor%20Opto%20Division/view-part
TSHG5510	www.snapeda.com/parts/TSHG5510/Vishay%20Semiconductor%20Opto%20Division/view-part
TSHG6200	www.snapeda.com/parts/TSHG6200/Vishay%20Semiconductor%20Opto%20Division/view-part
TSHG6210	www.snapeda.com/parts/TSHG6210/Vishay%20Semiconductor%20Opto%20Division/view-part
TSHG6400	www.snapeda.com/parts/TSHG6400/Vishay%20Semiconductor%20Opto%20Division/view-part
TSHG6410	www.snapeda.com/parts/TSHG6410/Vishay%20Semiconductor%20Opto%20Division/view-part
TSHG8200	www.snapeda.com/parts/TSHG8200/Vishay%20Semiconductor%20Opto%20Division/view-part
TSHG8400	www.snapeda.com/parts/TSHG8400/Vishay%20Semiconductor%20Opto%20Division/view-part
TSKS5400-FSZ	www.snapeda.com/parts/TSKS5400-FSZ/Vishay%20Semiconductor%20Opto%20Division/view-part
TSKS5400S	www.snapeda.com/parts/TSKS5400S/Vishay%20Semiconductor%20Opto%20Division/view-part
TSMF1000	www.snapeda.com/parts/TSMF1000/Vishay%20Semiconductor%20Opto%20Division/view-part
TSMF1020	www.snapeda.com/parts/TSMF1020/Vishay%20Semiconductor%20Opto%20Division/view-part
TSMF1030	www.snapeda.com/parts/TSMF1030/Vishay%20Semiconductor%20Opto%20Division/view-part



PART NUMBER	FOOTPRINT / SCHEMATIC
TSML1000	www.snapeda.com/parts/TSML1000/Vishay%20Semiconductor%20Opto%20Division/view-part
TSML1020	www.snapeda.com/parts/TSML1020/Vishay%20Semiconductor%20Opto%20Division/view-part
TSML1030	www.snapeda.com/parts/TSML1030/Vishay%20Semiconductor%20Opto%20Division/view-part
TSML1040	www.snapeda.com/parts/TSML1040/Vishay%20Semiconductor%20Opto%20Division/view-part
TSPF6200	www.snapeda.com/parts/TSPF6200/Vishay%20Semiconductor%20Opto%20Division/view-part
TSSF4500	www.snapeda.com/parts/TSSF4500/Vishay%20Semiconductor%20Opto%20Division/view-part
TSSS2600	www.snapeda.com/parts/TSSS2600/Vishay%20Semiconductor%20Opto%20Division/view-part
TSTA7100	www.snapeda.com/parts/TSTA7100/Vishay%20Semiconductor%20Opto%20Division/view-part
TSTA7300	www.snapeda.com/parts/TSTA7300/Vishay%20Semiconductor%20Opto%20Division/view-part
TSTA7500	www.snapeda.com/parts/TSTA7500/Vishay%20Semiconductor%20Opto%20Division/view-part
TSTS7100	www.snapeda.com/parts/TSTS7100/Vishay%20Semiconductor%20Opto%20Division/view-part
TSTS7300	www.snapeda.com/parts/TSTS7300/Vishay%20Semiconductor%20Opto%20Division/view-part
TSTS7500	www.snapeda.com/parts/TSTS7500/Vishay%20Semiconductor%20Opto%20Division/view-part
TSUS4300	www.snapeda.com/parts/TSUS4300/Vishay%20Semiconductor%20Opto%20Division/view-part
TSUS4400	www.snapeda.com/parts/TSUS4400/Vishay%20Semiconductor%20Opto%20Division/view-part
TSUS5200	www.snapeda.com/parts/TSUS5200/Vishay%20Semiconductor%20Opto%20Division/view-part
TSUS5201	www.snapeda.com/parts/TSUS5201/Vishay%20Semiconductor%20Opto%20Division/view-part
TSUS5202	www.snapeda.com/parts/TSUS5202/Vishay%20Semiconductor%20Opto%20Division/view-part
TSUS5400	www.snapeda.com/parts/TSUS5400/Vishay%20Semiconductor%20Opto%20Division/view-part
TSUS5401	www.snapeda.com/parts/TSUS5401/Vishay%20Semiconductor%20Opto%20Division/view-part
TSUS5402	www.snapeda.com/parts/TSUS5402/Vishay%20Semiconductor%20Opto%20Division/view-part
TSUS6202	www.snapeda.com/parts/TSUS6202/Vishay%20Semiconductor%20Opto%20Division/view-part
TSUS6402	www.snapeda.com/parts/TSUS6402/Vishay%20Semiconductor%20Opto%20Division/view-part
VSLB3940	www.snapeda.com/parts/VSLB3940/Vishay%20Semiconductor%20Opto%20Division/view-part
VSLB3948	www.snapeda.com/parts/VSLB3948/Vishay%20Semiconductor%20Opto%20Division/view-part
VSLB4940	www.snapeda.com/parts/VSLB4940/Vishay%20Semiconductor%20Opto%20Division/view-part
VSLY3850	www.snapeda.com/parts/VSLY3850/Vishay%20Semiconductor%20Opto%20Division/view-part
VSLY3943	www.snapeda.com/parts/VSLY3943/Vishay%20Semiconductor%20Opto%20Division/view-part
VSLY5850	www.snapeda.com/parts/VSLY5850/Vishay%20Semiconductor%20Opto%20Division/view-part
VSLY5940	www.snapeda.com/parts/VSLY5940/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMB10940	www.snapeda.com/parts/VSMB10940/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMB10940X01	www.snapeda.com/parts/VSMB10940X01/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMB11940X01	www.snapeda.com/parts/VSMB11940X01/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMB14940	www.snapeda.com/parts/VSMB14940/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMB14942	www.snapeda.com/parts/VSMB14942/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMB1940ITX01	www.snapeda.com/parts/VSMB1940ITX01/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMB1940X01	www.snapeda.com/parts/VSMB1940X01/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMB2000X01	www.snapeda.com/parts/VSMB2000X01/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMB2020X01	www.snapeda.com/parts/VSMB2020X01/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMB294008G	www.snapeda.com/parts/VSMB294008G/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMB294008RG	www.snapeda.com/parts/VSMB294008RG/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMB2943GX01	www.snapeda.com/parts/VSMB2943GX01/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMB2943RGX01	www.snapeda.com/parts/VSMB2943RGX01/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMB2943SLX01	www.snapeda.com/parts/VSMB2943SLX01/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMB2948G	www.snapeda.com/parts/VSMB2948G/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMB2948RG	www.snapeda.com/parts/VSMB2948RG/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMB2948SL	www.snapeda.com/parts/VSMB2948SL/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMB3940X01	www.snapeda.com/parts/VSMB3940X01/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMD66694	www.snapeda.com/parts/VSMD66694/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMF288011GX01	www.snapeda.com/parts/VSMF288011GX01/Vishay%20Semiconductor%20Opto%20Division/view-part



PART NUMBER	FOOTPRINT / SCHEMATIC
VSMF288011RGX01	www.snapeda.com/parts/VSMF288011RGX01/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMF2890GX01	www.snapeda.com/parts/VSMF2890GX01/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMF2890RGX01	www.snapeda.com/parts/VSMF2890RGX01/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMF2893GX01	www.snapeda.com/parts/VSMF2893GX01/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMF2893RGX01	www.snapeda.com/parts/VSMF2893RGX01/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMF2893SLX01	www.snapeda.com/parts/VSMF2893SLX01/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMF3710	www.snapeda.com/parts/VSMF3710/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMF4710	www.snapeda.com/parts/VSMF4710/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMF4720	www.snapeda.com/parts/VSMF4720/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMF970011X01	www.snapeda.com/parts/VSMF970011X01/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMF9700X01	www.snapeda.com/parts/VSMF9700X01/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMG10850	www.snapeda.com/parts/VSMG10850/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMG2000X01	www.snapeda.com/parts/VSMG2000X01/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMG2020X01	www.snapeda.com/parts/VSMG2020X01/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMG2700	www.snapeda.com/parts/VSMG2700/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMG2720	www.snapeda.com/parts/VSMG2720/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMG285011G	www.snapeda.com/parts/VSMG285011G/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMG285011RG	www.snapeda.com/parts/VSMG285011RG/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMG3700	www.snapeda.com/parts/VSMG3700/Vishay%20Semiconductor%20Opto%20Division/view-part
VSML3710	www.snapeda.com/parts/VSML3710/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMS3700	www.snapeda.com/parts/VSMS3700/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY12850	www.snapeda.com/parts/VSMY12850/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY12940	www.snapeda.com/parts/VSMY12940/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY14940	www.snapeda.com/parts/VSMY14940/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY1850	www.snapeda.com/parts/VSMY1850/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY1850ITX01	www.snapeda.com/parts/VSMY1850ITX01/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY1850X01	www.snapeda.com/parts/VSMY1850X01/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY1940ITX01	www.snapeda.com/parts/VSMY1940ITX01/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY1940X01	www.snapeda.com/parts/VSMY1940X01/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY2850G	www.snapeda.com/parts/VSMY2850G/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY2850GX01	www.snapeda.com/parts/VSMY2850GX01/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY2850RG	www.snapeda.com/parts/VSMY2850RG/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY2850RGX01	www.snapeda.com/parts/VSMY2850RGX01/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY2853G	www.snapeda.com/parts/VSMY2853G/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY2853GX01	www.snapeda.com/parts/VSMY2853GX01/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY2853RG	www.snapeda.com/parts/VSMY2853RG/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY2853RGX01	www.snapeda.com/parts/VSMY2853RGX01/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY2853SL	www.snapeda.com/parts/VSMY2853SL/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY2853SLX01	www.snapeda.com/parts/VSMY2853SLX01/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY2940G	www.snapeda.com/parts/VSMY2940G/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY2940GX01	www.snapeda.com/parts/VSMY2940GX01/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY2940RG	www.snapeda.com/parts/VSMY2940RG/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY2940RGX01	www.snapeda.com/parts/VSMY2940RGX01/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY2941GX01	www.snapeda.com/parts/VSMY2941GX01/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY2941RGX01	www.snapeda.com/parts/VSMY2941RGX01/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY294310G	www.snapeda.com/parts/VSMY294310G/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY294310RG	www.snapeda.com/parts/VSMY294310RG/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY294310SL	www.snapeda.com/parts/VSMY294310SL/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY2943G	www.snapeda.com/parts/VSMY2943G/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY2943GX01	www.snapeda.com/parts/VSMY2943GX01/Vishay%20Semiconductor%20Opto%20Division/view-part



PART NUMBER	FOOTPRINT / SCHEMATIC
VSMY2943RG	www.snapeda.com/parts/VSMY2943RG/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY2943RGX01	www.snapeda.com/parts/VSMY2943RGX01/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY2943SL	www.snapeda.com/parts/VSMY2943SL/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY2943SLX01	www.snapeda.com/parts/VSMY2943SLX01/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY3850	www.snapeda.com/parts/VSMY3850/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY385010	www.snapeda.com/parts/VSMY385010/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY3890X01	www.snapeda.com/parts/VSMY3890X01/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY3940X01	www.snapeda.com/parts/VSMY3940X01/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY5850	www.snapeda.com/parts/VSMY5850/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY5850X01	www.snapeda.com/parts/VSMY5850X01/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY5890	www.snapeda.com/parts/VSMY5890/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY5890X01	www.snapeda.com/parts/VSMY5890X01/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY5940	www.snapeda.com/parts/VSMY5940/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY5940X01	www.snapeda.com/parts/VSMY5940X01/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY7850X01	www.snapeda.com/parts/VSMY7850X01/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY7852X01	www.snapeda.com/parts/VSMY7852X01/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY98145DS	www.snapeda.com/parts/VSMY98145DS/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY98525DS	www.snapeda.com/parts/VSMY98525DS/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY98545	www.snapeda.com/parts/VSMY98545/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY9854535	www.snapeda.com/parts/VSMY9854535/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY98545ADS	www.snapeda.com/parts/VSMY98545ADS/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY98545DS	www.snapeda.com/parts/VSMY98545DS/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY9857535	www.snapeda.com/parts/VSMY9857535/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY98575ADS	www.snapeda.com/parts/VSMY98575ADS/Vishay%20Semiconductor%20Opto%20Division/view-part
VSMY99445DS	www.snapeda.com/parts/VSMY99445DS/Vishay%20Semiconductor%20Opto%20Division/view-part

For technical issues and product support, please contact emittertechsupport@vishay.com.