

SURFACE MOUNT LEDs

SMD LEDs 4.2mm x 3.2mm



- Full Spectrum Performance Individually Addressable
- Tri-Chip Design
- Perfect for Multiple Message Indication
- Wide Range of Available Chips
- 2,000 per Reel, Smaller Quantities Available

SM1317 Series

RGB Tri-Color

LED Part No.	Chip			Lens Appearance	Absolute Max. Ratings				Electro-Optical Data @20mA			Viewing Angle 2 θ 1/2 (deg)
	Material	Peak Wave Length λ _p (nm)	Emitted Color		Δ λ (nm)	Pd (mW)	If (mA)	Peak If (mA)	Vf (V)		Iv (mcd)	
									TYP	MAX	TYP	
SM1317RGB	GaAlAs	656	RED	WHITE DIFFUSED	24	100	30	150	1.8	2.3	20	120
	GaP	566	GREEN		31	100	30	150	2.2	2.6	17	
	GaN/SiC	430	BLUE		60	100	30	150	4.0	4.5	8	
SM1317HGB	AlGaInP	620	ORANGE	WHITE DIFFUSED	17	100	30	150	2.0	2.5	75	120
	InGaN/SiC	505	GREEN		37	100	30	150	3.3	4.0	120	
	GaNN	465	BLUE		33	100	30	150	3.3	3.8	38	
SM1317SRGB	GaAlAs	654	SUPER RED	WHITE DIFFUSED	23	100	30	150	2.0	2.5	45	120
	InGaN/SiC	525	SUPER GREEN		40	100	30	150	3.2	3.6	120	
	GaNN	460	SUPER BLUE		36	100	30	150	3.4	4.0	52	

