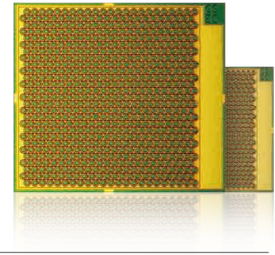


激光雷达与3D传感芯片—飞行时间VTOF系列

Lidar and 3D Sensing Laser Chip - Time Of Flight VTOF Series



光学性能/Optical

中心波长/Center Wavelength	nm	808		850	940	
输出功率/Output Power	W	1	2.9	4.1	2.6	3
远场发散角/Far Field Divergence Angle	°	20.5	22	22.1	19.8	21
光谱宽度/Spectral Width (FWHM)	nm	0.77	0.76	0.72	1.5	1.2

电学性能/Electrical

电光转换效率/E-O Conversion Efficiency	%	37	38	39	41.6	42
斜率效率/Slope Efficiency	W/A	0.93	1	1	1.05	1.02
阈值电流/Threshold Current	A	0.2	0.6	1.3	0.33	0.37
工作电流/Operating Current	A	1.3	3.5	5.3	2.8	3.5
工作电压/Operating Voltage	V	2.1	2.1	2	2.2	2.1

几何尺寸/Geometric Size

发光点数量/Emitter Number	#	224	621	1216	305	364
发光点排列方式/Emitter Arrangement	#	密排/Dense				
光斑尺寸/spot size	μm	8	8	10	11	11
最小间距/Minimum Pitch	μm	37	47	47	33	40
阵列尺寸/Array size	μm ²	894*891	1205*1006	1670*1844	815*715	1000*900

其他/Others

环保属性/Environmental Attributes		Rohs2.0				
测试温度/Test Temperature	°C	50				

产品特点 / Product Features



高可靠性
High Reliability



高效率
High Efficiency



低发散角
Low Divergence Angle

应用领域 / Application Area



医疗美容
Medical Beauty



安防照明
Security Lighting



机器视觉
Machine Vision



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