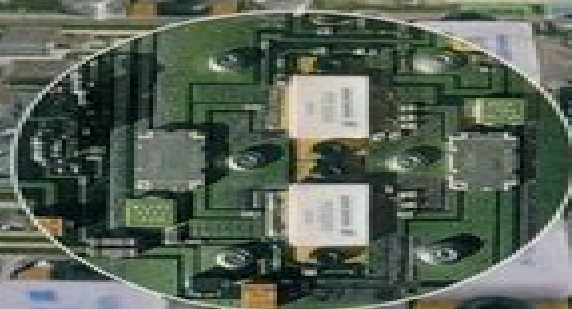


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web zemax 1 introduction microlens arrays have been applied in many electro optical and micro optical systems such as flexible light field smart phones¹ solar concentrators² data storage³ and integral imaging 3d displays⁴ etc these microlens arrays are typically composed of microlens cells arranged in a deterministic pattern⁵ the

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web i set up a hybrid model including sc source and focusing lens and nsc microlens array lenslet array 1 to generate a uniform line transversely perpendicular to beam propagation in a certain distance now i want to optimize the microlens toric and aspheric coefficient parameters to achieve the best line uniformity and smallest line width

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web sep 24 2020 microlens arrays are the key component in imaging systems because the systems exhibit some excellent optical properties such as large fov angles and low aberration and distortion 6 zemax llc

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web mar 31 2021 zemax llc thanks dr reinhard voelkel of süss microoptics sa for the experimental data used in this article setting up the initial design this article describes a commercial fiber coupler which couples two pieces of corning smf 28e fiber using süss microoptics fc q 250 microlens arrays the manufacturers data is as follows

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web nov 3 2015 with optical sensor arrays tiny lens systems serve to focus and concentrate the light onto the photodiode surface instead of allowing it to fall on non photosensitive areas of the pixel device fill factor area occupied by the microlens arrays mostly the lens shape is cylindrical or spherical array size strongly depends on the applications

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web oct 16 2021 help me please to model the lens array in sequential mode i mean some lens no microlens in the same plane on the circle radius icon best answer by ray the sequential dll is quite easy to modify non sequential are more complex there are more array types available in this forum post community zemax