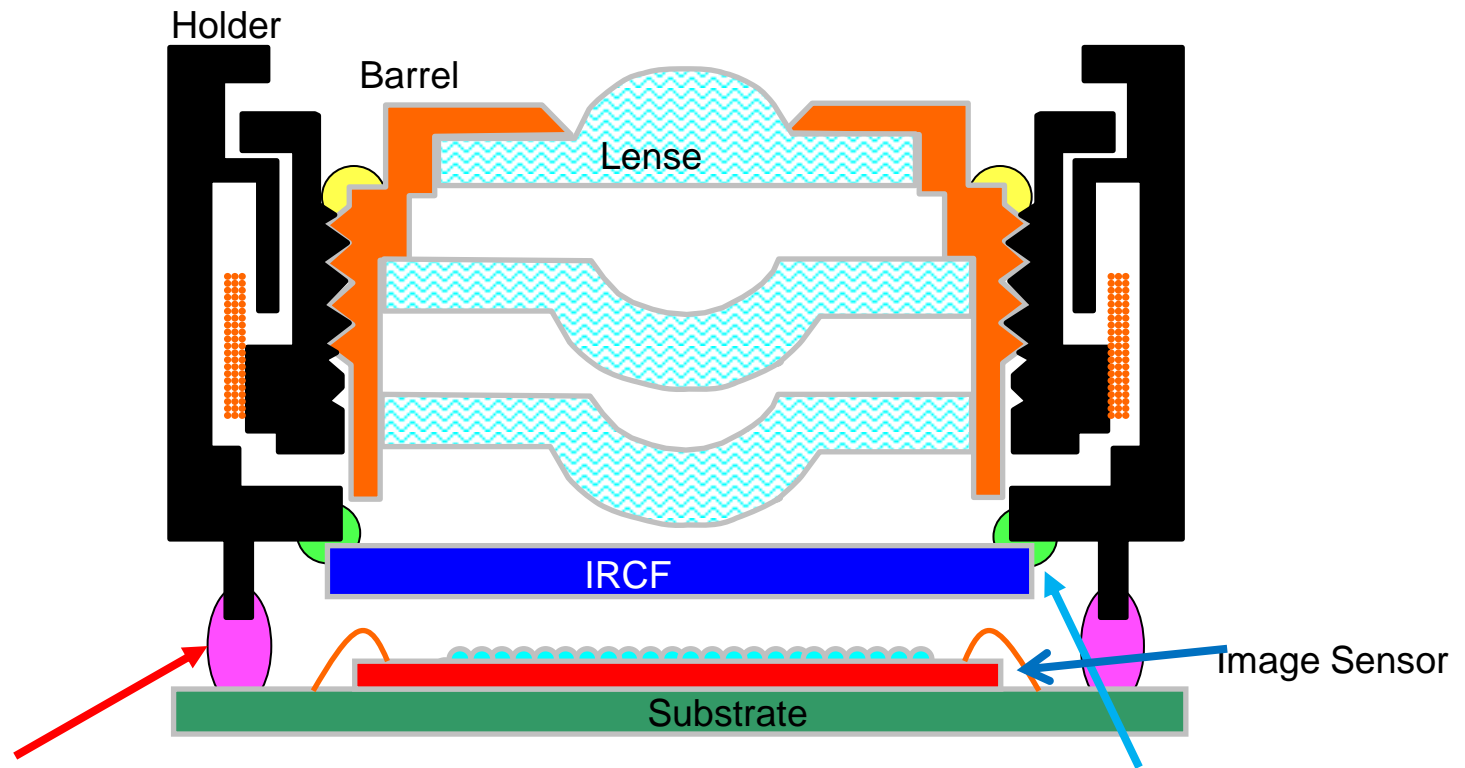


NAMICS' FUNCTIONAL ADHESIVES FOR IMAGE SENSORS

PURPOSE

- Adhesives with special function and requirement not common in general purpose electronics
 - Bonding of **Poly Carbonate**, **Liquid Crystal Polymer** etc.
 - Allowing low curing temperatures
 - Dual Curing
 - UV-bump for in-line fixation
 - Thermal cure for final reliability achievement

CAMERA MODULE



➤ Adhesive for Holder

- UVcoat 6919
- AH8455-345B

➤ Adhesive for IRCF

- UVcoat 6921

CURRENT PRODUCTS

Type			UVcoat6919	UVcoat6921	AH8455-345B
			UV SnapCure, Low Temperature Secondary Cure	Dual Curing, Reflow Resistant	Low Temperature Curing, Reflow Resistant
Filler Contents		wt%	20	-	-
Filler Size (mean)		µm	3,5	-	-
Color			Brown	Pale Yellow	Brown
Viscosity @ 25°C		Pas	75	17	40
TI			5	2,5	2
Tg (DMA)		°C	145	80	105
CTE	< Tg	ppm /°K	80	100	70
	> Tg	ppm /°K	180	200	200
Storage Modulus		GPa	3,5	1	3
Thermal Conductivity		W/mk	0,2	0,2	
Thermal Cure	Time	Min.	60	60	60
	Temperature	°C	80	100	80



THANK YOU