

daA1280-54lm - Basler dart

The Basler daA1280-54lm BCON camera with the ON Semiconductor AR0134 CMOS sensor delivers 54 frames per second at 1.2 MP resolution.



Number



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Specifications

General Information

Order Number	No-Mount: 107139, CS-Mount: 107140, S-Mount: 107141
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Sensor

Sensor Vendor	ON Semiconductor
Sensor	AR0134
Shutter	Global Shutter
Max. Image Circle	1/3"
Sensor Type	CMOS
Sensor Size	4.8 mm x 3.6 mm
Resolution (H x V)	1280 px x 960 px
Resolution	1.2 MP
Pixel Size (H x V)	3.75 µm x 3.75 µm
Frame Rate	54 fps
Mono/ Color	Mono

Camera Data

Interface	BCON
Pixel Bit Depth	8, 12 bits
Synchronization	<ul style="list-style-type: none"> ▪ hardware trigger ▪ free-run ▪ software trigger
Exposure Control	<ul style="list-style-type: none"> ▪ programmable via the camera API
Digital Input	1
Digital Output	2
Power Requirements	<ul style="list-style-type: none"> ▪ 5V DC (via BCON for LVDS interface)
Power Consumption (typical)	1.3 W

Housing

Housing Type	Board Level
Housing Size (L x W x H)	4.9 mm x 27 mm x 27 mm
Lens Mount	<ul style="list-style-type: none"> ▪ CS-mount ▪ S-mount ▪ none
Housing Temperature	0 - 50°C
Weight (typical)	15g

Conformity

Conformity	<ul style="list-style-type: none"> ▪ CE ▪ RoHS ▪ FCC
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