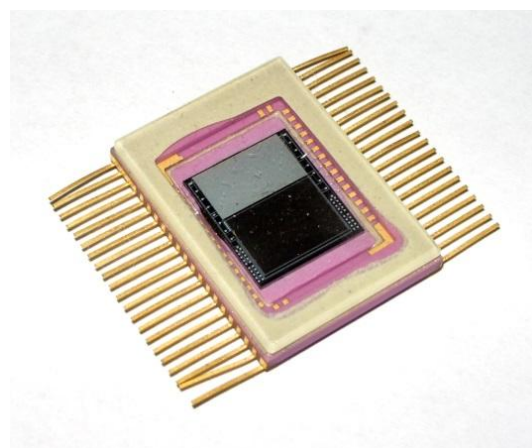


FRAME TRANSFER CCD 17M

CCD 17M is a frame transfer photosensitive device with bulk n-channel and a substrate of p-type. Overall number of pixels in output register is 545. The first eleven and last two are supporting.

Each section comprises 290 lines, three-phased 532 pixels per a line.

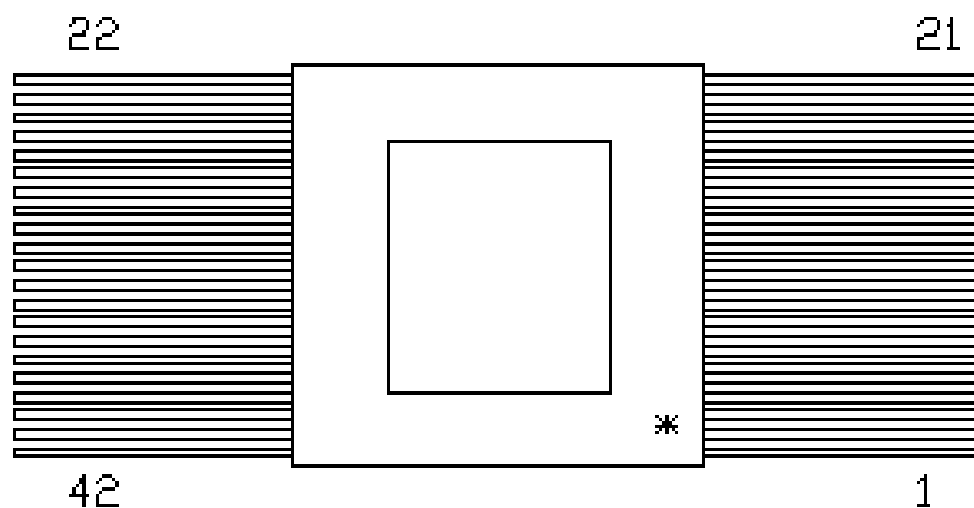


SPECIFICATIONS

Number of pixels, (HxV)	532x580
Photosensitive area size, mm	6.6x8.8
Pixel size, μm	17x23
Size of storage section element, μm	17x17
Dimensions (with outputs), mm	40x26.5x4.85
Mass, g	6.0
Image format	4:3
Saturation voltage, V	0.6
Responsivity, mV/lx	60
Modulation transfer factor along the horizontal at 200 TVL, %	80
Modulation transfer factor along the vertical at 200 TVL, %	70
Dark signal nonuniformity, %	1
Output signal nonuniformity, %	± 4
Dynamic range, dB	60
Dark current, nA	5

Transfer inefficiency	1×10^{-5}
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SOCKET CONNECTIONS



SPECTRAL RESPONSE CHARACTERISTICS

