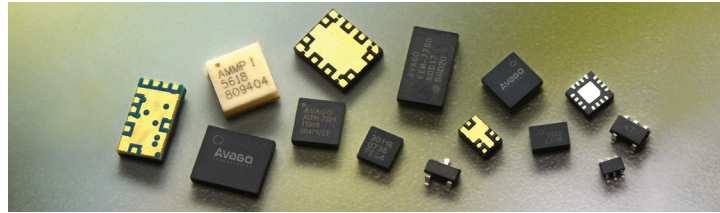


RF Microwave

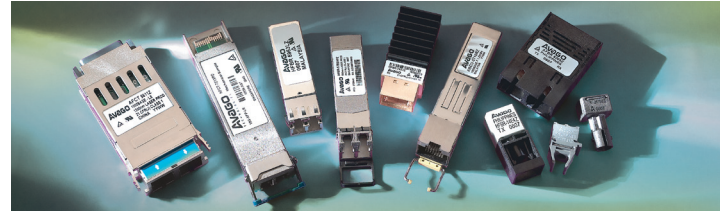


Product		Part Number Series
DC-6 GHz	Low Noise Amplifier	MGA-63x/64x/71x/8x VMMK-12xx ALM-11x/14x/16x/17x ATF-54x/55x MGA-1x MGA-2x ALM-1x/2x
	0.5-2W Power Amp	ALM-3x ALM-4x ATF-5x1
	Gain Blocks	ABA-x ADA-x MGA-3x VMMK-2x
	Downconverter	IAM-9x563
	Driver AMP	MGA-81xx MGA-5x MGA-4x
	Pin /Schottky Diodes	HSMS/HSMP-x
	Microwave Links	LNA, PA, Mixer, Switch
FBAR Filters		ACMD/ACFM/ACPF-7x
FEM		AFEM-x, ACPM-7x
CDMA PA		WS1xxx
UMTS PA & GSM/EDGE		ACPM-2x, 5x, 7x

Applications	
GPS	
• WiMAX/Wifi	
• Base stations	
P2P	
• Defense	
• Satellite and cable TV	
• Mobile devices	
Measurement	

Avago Advantage	
• Broad range of mobile connectivity and wireless solutions	
• Pioneered the introduction of tiny RFICs	

Fiber Optics

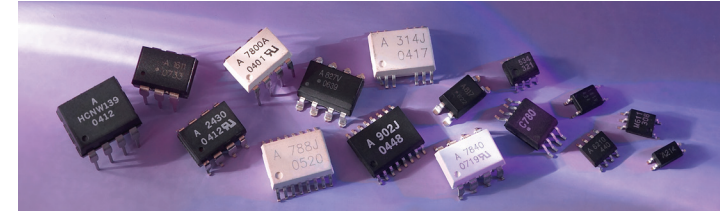


Product		Part Number Series
650nm Industrial Fiber Optic Components	DC up to 160MBd Versatile Link, SMA or ST Connector	HFBR-15XXZ, HFBR-25XXZ, HFBR-16XXZ, HFBR-26XXZ
	2 or 3-pin insert	SFH757, SFH551/1-1, SFH250
	Connectorless	SFH757V, SFH551/1V-1, SFH250V
	Fiber Optics Short Link	HFBR-3810Z, HFBR-3810MSZ
820nm/850nm/1300nm Industrial Fiber Optic Components	ST, SMA, SC or FC Connector	HFBR-14X4Z, HFBR-24XXZ
	ST Connector	HFBR-1312TZ, HFBR-2316TZ
	ST Connector	HFBR-1712TZ, HFBR-24XXZ
Industrial Fiber Optic Transceiver	Fast Ethernet (10/100 Mbps)	AFBR-5978Z
		AFBR-5972Z
		HFBR-57E5APZ
		SPFEIM100-G
Plastic Optical Fiber Cables		HFBR-R/EXXYZ
Plastic Optical Fiber Connectors		HFBR-450XZ, HFBR-453XZ
Plastic Optical Fiber Accessories		HFBR-452XZ, HFBR-459XZ
High Speed Transceivers	Ethernet (125M-40G 2-10km)	AFBR/AFCT-51x/57x/58x/59x/70x/72x/79x
	Storage (1G-16G 300m-10km)	AFBR/AFCT-57xx
	Base Station (OBSAI/CPRI)	AFBR/AFCT-57J5x (-40 +85)
	Metro SONET (OC-3-OC-192)	AFCT-5x (2km-80 125M-2.5G)
	Parallel Optics 4 & 12 channel	HFBR/AFBR-7x, AFBR-8x

Applications		
• Secured military communications	• Networking	
• Wind turbine farms	• Base stations	
• Audio/video mixing desks	• Fiber channel storage	
• MRI/x-ray/ultrasound	• SONET	
	• Super computing/clustering	

Avago Advantage	
• Industry leading supplier	
• Broad portfolio	
• Excellent quality and reliability	

Plastic Optocouplers

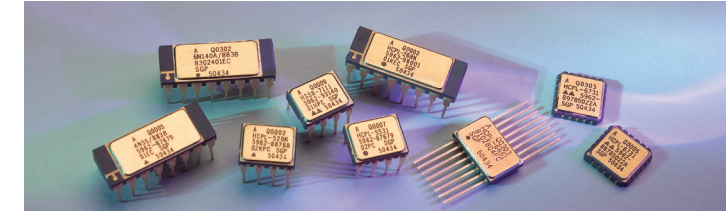


Product		Part Number Series
Digital Optocouplers	Low Power (1MBd-10MBd)	ACPL-x5xL/x6xL
	High Speed CMOS (15MBd-50MBd)	ACPL-x7xL HCPL-07xx/77xx
	Standard Transistor/Logic Gate (100kBd-20MBd)	HCPL-070x/073x/27xx/05xx/25xx HCPL-02xx/22xx/06xx/26xx/24xx
	Multi Channel	ACSL-6xx0
	Digital Isolator	HCPL-09xx/9xxx, ACML-74xx
Application Specific Optocouplers	Feedback Current/Voltage Sense	ACPL-C79x/790x/796J/C87x
	Gate Drive Single & Dual ch.	ACPL-33xJ/P3xx/W3xx/H3xx/K3xx, ACNW3xxx
	Intelligent Power Module (IPM)	ACPL-P4xx/W4xx/4800, ACNV4506, HCPL-454x/M4xx
	Automotive (-40 +125°C)	ACPL-xxxT
	Extended Temp. (-40 +125°C)	ACPL-xxxU
	Line Receiver	HCPL-26x2
	Current Loop Transmitter/Receiver	HCPL-4100/4200
	Voltage/Current Detector	ACPL-K37x, HCPL-0370/37x0
	High Linearity Analog	HCNR200/201
	Wideband Analog/Video	HCPL-4562, HCNW4562
Solid State Relay	Photo MOSFET (1 & 2ch.)	ASSR-12xx/14xx/15xx/1611/30xx/32xx/40xx/41xx/5211
	Photovoltaic Driver (2ch.)	ASSR-V621/V622
Phototransistors	Phototransistor (1-4ch.)	ACPL-8xx/2xx HCPL-181/354, 4Nxx, CNY17-x

Applications		
• Industrial networking/communication	• Medical equipment	
• Renewable energy inverter	• White goods	
• Automotive	• MicroProcessor system interface	
• Motor control	• Switching power supply	

Avago Advantage	
• Leading CMR performance	
• High quality and reliability	
• 40 year history	

Hermetic Optocouplers



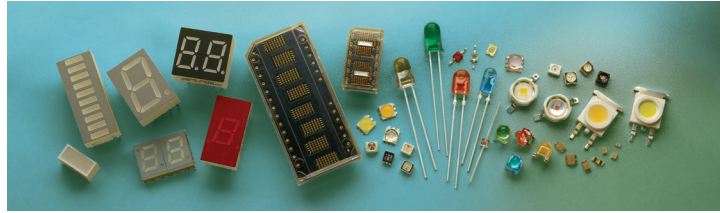
Product		Part Number Series
Hermetic Optocouplers	Line Receiver w/ Input Regulation, High Speed Logic (10 MBd)	HCPL-193x 5962-89572
	Transistor Output, High CMR (700 kBd)	4N55/883B HCPL-55xx/65xx/257K 5962-87679/90854
	High Speed Logic Gate, High CMR (10 MBd)	6N134, 6N134/883B HCPL-56xx/66xx/268K 81028 5962-90855/98001
	3.3V High Speed Logic Gate, High CMR (10 MBd)	ACPL-26xxL/56xxL 5962-08242
	Very High Speed Logic Gate (20MBd)	HCPL-54xx/64xx 5962-89571/89570
	High CTR Gain, Split Darlington Output, Low IF, Wide Vcc (100 kBd)	6N140A, 6N140A/883B HCPL-57xx/67xx/177K 8302401 5962-89810/89785/98002
	3.3V, High CTR Gain, Split Darlington Output, Low IF, Wide Vcc (100 kBd)	ACPL-17xxL/57xxL 5962-08227
	Low IF, Wide Vcc, Logic Gate (5 MBd)	HCPL-52xx/62xx 5962-88768/88769
	Intelligent Power Module and Gate Drive Interface	HCPL-53xx 5962-96852
	AC/DC to Logic Interface, Threshold Detection	HCPL-576x 5962-89477
Application Specific Optocouplers	2.0 Amp Output Current IGBT/MOSFET Gate Drive	HCPL-512x 5962-04204
	0.5 Amp Output Current IGBT/MOSFET Gate Drive	HCPL-515x 5962-04205
	Analog Isolation Amplifier	ACPL-785E, HCPL-785x 5962-97557
Solid State Relay	90V/1 Ohm Power MOSFET (SSR)	HSSR-711x 5962-93140

Applications	• Military	• Aerospace	• Harsh industrial
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Avago Advantage		
• Leading CMR performance	• MIL-PRF-38534 certified/qualified by US Department of Defense	
• Recognized for high quality, reliability and customer support	• Class H, E and K plus Commercial Grade versions	
• 40 year history	• Radiation tolerant	

Additional product information is available. See www.avagotech.com

LEDs/Displays



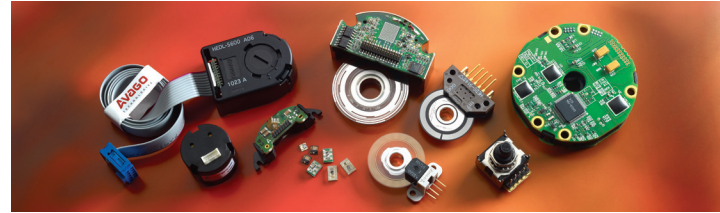
	Product	Part Number Series
High Brightness LEDs	Through-hole Lamps	HLMP-xxxx, HLMA-xxxx
	SMT Lamps	ASMT-Exxx, ASMT-Lxxx
	Mini PLCC-2	ASMT-Txxx
	OneWhite PLCC-2	ASMT-UWB1
	PLCC-2/4 SMT	HSMx-Axxx, ASMT-Uxxx, ASMT-Sxxx
	0.5W PLCC-4	ASMT-Qxxx
	PLCC-4/6 RGB	ASMT-QTxx / YTxx
	Envisium	ASMC-Pxxx/Qxxx
	1W & 3W Moonstone™	ASMT-Mxxx
	3W Moonstone RGB	ASMT-Mxxx
1W & 3W High Power	ASMT-Axxx	
1W & 3W Mini High Power	ASMT-Jxxx	
Indicators and Displays	Through-hole Lamps	HLMA/HLMP-xxxx
	Subminiature	ASMT-Bxxx, , HLMx-xxxx
	ChipLEDs	HSMx-Cxxx, ASMT-Cxxx
	Auto Focus Auxiliary Flash	ASMT-FGx0 / FJx0
	Through-hole & SMT Seven Segment	5082-76xx, HDSM/HDSP-xxxx
	Light Bars & Bar Graph Arrays	HDSP-48xx, , HLCP-x100, HLMP-2xxx
	Smart Displays	HCMS/HDLx/HDSP-xxxx

Applications	<ul style="list-style-type: none"> Indicators and displays Automotive Architectural and general lighting Full color displays Video panels Electronic sign and signals
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Avago Advantage	<ul style="list-style-type: none"> Superior product quality and reliability performance Variety of colors/configurations
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Additional product information is available. See www.avagotech.com

Motion Control

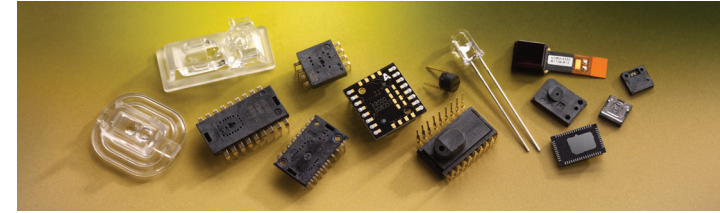


	Product	Part Number Series	
Incremental Optical Encoders	Transmissive modules	HEDS-90xx/91xx/92xx HEDT-90xx/91xx HEDL-90xx/91xx HEDS-97xx AEDS-96xx AEDS/B/T-9140 AEDS-9240 AEDS/B/T-9340 AEDA-32xx/33xx	
	Transmissive Housed	HEDx-55xx/56xx HEDL-55xx/56xx HEDS-57xx (RPG) HEDS/L/M-65xx AEDx-8xxx AEAT-601B(magnetic)	
	Reflective Modules	AEDR-83xx AEDR-8320 AEDR-84xx AEDR-8500	
	Reflective Housed	HRPG-Axxx (RPG) HEDR-54xx	
	Absolute Optical Encoders	Transmissive modules	AEAS-7000 (Single-Turn) AEAT-84/86AD (Multi-Turn) AEAT-9000
		Magnetic modules	AEAT-60xx (single turn) AEAT-66xx
Integrated Circuits	Decoder/Controller	HCTL-20x	
	Line Driver	AEIC-7272-S16, AEIC-7273-S16, AEIC-2631-S16	
Codewheels		HEDS/G/M-51xx/61xx	

Applications	<ul style="list-style-type: none"> Servo and stepper motors Miniature motors Factory automation equipments (CNC, machine tools, conveyor systems, etc) Packaging machines Industrial sewing machines Valves and pumps Lifts and escalators Medical equipment
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Avago Advantage	<ul style="list-style-type: none"> Industry leading supplier One-stop-shopping
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Optical Sensors



	Product	Part Number Series
Ambient Light Sensor		APDS-9x (1-70K Lux)
	Proximity Sensor	Reflective
Sensing Signal IC		APDS-9700
Optical Navigation	LED Based	ADNS-1xxx/2xxx/3xxx/4xxx/5xxx
	LaserStream	ADNS-6xxx/7xxx/8xxx/9xxx
	Finger Navigation	ADBS-xxxx/ADBM-xxxx/ADBL-xxxx

Applications	<ul style="list-style-type: none"> Touchless switch Lighting control Motion detection Optical mice Optical Touchpads
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Avago Advantage	<ul style="list-style-type: none"> Leader in sensor and opto-electronic technology Nearly 1 billion optical mice sensors shipped Pioneered LED-based navigation technology
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Avago Products Quick Reference Guide

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