Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

Fiber Optic Transceivers

Fast Ethernet Series

Model Name	LM38-A3S-TI-N	LS38-A3S-TI-N	AFBR-5715ALZ
Part Number	50708051G	50709431G	50710361G
Detailed Specifications			
Data Rate (Mbps)	155	155	850
Wavelength (nm)	1310	1310	1310
Light Source	LED	FP	VCSEL
Media Type	Multi-Mode	Single-Mode	Multi-Mode
Tx Power (dBm)	-20~-14@62/125μm	-15~-8 @ 9/125 μm	-9.5~-3
Rx Sensitivity (dBm)	-31 Max	-34 Max	-17 Max
Link budget (dBm)	11	19	7.5
Saturation (dBm)	-8	0	-3
Distance	2km	30km	10km
Operating Temp.	-40℃~85℃	-40℃~85℃	-40℃~85℃
Safety	UL/TUV	UL/TUV	UL/TUV

Multi-Mode

Single-Mode

Gigabit Ethernet Series

Model Name	LM28-C3S-TI-N	LM38-C3S-TI-N	LS38-C3S-TI-N	LS38-C3L-TI-N	AFCT-5715ALZ
Part Number	50708031G	50709411G	50709391G	50709441G	50710351G
Detailed Specifications					
Data Rate (Mbps)	1250	1250	1250	1250	1250
Wavelength (nm)	850	1310	1310	1310	1310
Light Source	VCSEL	FP	FP	DFB	
Media Type	Multi-Mode	Multi-Mode	Single-Mode	Single-Mode	Single-Mode
Tx Power (dBm)	- 9.5~- 4 @50/125 or 62.5/125μm	- 9 ~ - 1 @50/125 or 62.5/125μm	-9.5 ~ -3 @ 9/125 μm	-4 ~ +1 @ 9/125 μm	-9.5~-3
Rx Sensitivity (dBm)	-18 Max	-19 Max	-20 Max	-24 Max	-19 Max
Link budget (dBm)	8.5	10	10.5	20	9.5
Saturation (dBm)	0	-1	-3	-3	-3
Distance	550m	2km	10km	30km	10km
Operating Temp.	-20℃~85℃	-40℃~85℃	-40℃~85℃	-40℃~85℃	-40℃~85℃
Safety	UL/TUV	UL/TUV	UL/TUV	UL/TUV	UL/TUV

Design and specification are subjected to change without notice.
All product names referenced herein are registered trademarks of their respective companies.   V0.3

10 Gigabit Ethernet Series

Model Name	LM28-H3S-TI-N	LS38-H3S-TI-N-EX	LS48-H3L-TI-N	LS48-H3U-TI-N
Part Number	50710061G	50710071G	50710081G	50710091G
Detailed Specifications				
Data Rate (Mbps)	10000	10000	10000	10000
Wavelength (nm)	850	1310	1550	1550
Light Source	VCSEL	FP	EML	EML
Media Type	Multi-Mode	Single-Mode	Single-Mode	Single-Mode
Tx Power (dBm)	- 7.1 ~ - 1 @50/125 or 62.5/125µm fiber	-6~0.5	-4.7~4	0~4
Rx Sensitivity (dBm)	-9.9 Max	-14.4 Max	-15.8 Max	-23 Max
Linkbudget (dBm)	2.8	8.4	11.1	23
Saturation (dBm)	-1	0.5	4	4
Distance	33M (OM1 Fiber) 82M (OM2 Fiber) 300M (OM3 Fiber)	10km	40km	80km
Operating Temp.	-10℃~85℃	-40℃~85℃	-40℃~85℃	-40℃~85℃
Safety	UL/TUV	UL/TUV	UL/TUV	UL/TUV

Copper to Fiber Optic Transceivers

Type	Fast Ethernet	Gigabit Ethernet
Model Name	ASFPT-T3-I	ASFPT-T1-I
Part Number	522ASFPTT3I001G	522ASFPTT1I001G
Detail Spec		
Data Rate (Mbps)	10/100/1000 (Auto-neg.)	1000
Interface	SGMII	-
Power Supply	3.3V	3.3V
Lan Cable Category	Over Cat5	Over Cat5
Operating Temp.	-40℃~85℃	-40℃~85℃
Safety	UL/TUV	UL/TUV