



Describe(xM=Cable length)(Font: Arial)
 Fixed Describe(Font: Arial)
 CODE 128,CONTENTS:
 YYMMDDSLxxxxx

SN:YYMMDDMRxxxxx
 Serial number

YYMMDD
 YY: 19 (2019), 20 (2020), 21 (2021).....
 MM: (Month)
 DD: (Date)

QSFP28 X L CM 30A EX
 QSFP28
 L:Cable Length
 EX: Extender
 30: 30AWG

Materials:
 Connector Housing: PA66, UL94V-0.
 Connector Contact: Phosphor Bronze.
 Mold: Polyamide.
 Back/TOP Shells: Zinc Alloy, Nickel Plated.
 Cage: Copper Alloy, Nickel Plated.
 PCB: FR-4.
 Pull Latch: Nylon, Blue.
 Screw: Steel.
 Cable: High Speed - Twinax Cable.
 Sideband / Power-UL Style Wire.

IMPEDANCE:
 Cable: 100±5 Ohms Differential.
 Connector: 100±10 Ohms Differential.
This Product Used IEEE802.3bj
***RoHS Compliant**

Dwg. No.	S2320210222-04	Part No.	QSFP28XLCM30A-EX
Projection		Title:	QSFP28 Extender Under-Fluid
Unit mm	Scale	1:N	100G
Drawn By	Martin 03/27'24	① 679	

OUPIN

OUPIN ENTERPRISE CO. LTD.

SHEET	1/2	Ver. No.	X3
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WIRING DIAGRAM

HIGH SPEED SIGNAL			
P1(QSFP28 PLUG)		P2(QSFP28 RECEPTACLE)	
PAD	SIGNAL	PAD	SIGNAL
02	TX2n	02	TX2n
03	TX2p	03	TX2p
05	TX4n	05	TX4n
06	TX4p	06	TX4p
14	RX3p	14	RX3p
15	RX3n	15	RX3n
17	RX1p	17	RX1p
18	RX1n	18	RX1n
21	RX2n	21	RX2n
22	RX2p	22	RX2p
24	RX4n	24	RX4n
25	RX4p	25	RX4p
33	TX3p	33	TX3p
34	TX3n	34	TX3n
36	TX1p	36	TX1p
37	TX1n	37	TX1n
08	ModSelL	08	ModSelL
09	ResetL	09	ResetL
10	VccRx	10	VccRx
11	SCL	11	SCL
12	SDA	12	SDA
27	ModPrsL	27	ModPrsL
28	IntL	28	IntL
29	VccTx	29	VccTx
30	Vcc1	30	Vcc1
31	LPMODE	31	LPMODE
GND GROUP	GND	GND GROUP	GND
GND GROUP 01,04,07,13,16,19 20,23,26,32,35,38		GND GROUP 01,04,07,13,16,19 20,23,26,32,35,38	
CONNECTOR SHELL		CONNECTOR SHELL	

*DC BLOCKING CAPS ON P1,P2 RX END.

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Drawn By	Martin	03/27'24	① 679

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SHEET	2/2	Ver. No.	X3
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