



**Moxa Inc.**

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Version 1.0

Product Discontinuance Notification — PDN #0000332743

PDN #0000332745

May 1, 2021

Dear Valued Customer:

The purpose of this letter is to inform you that Moxa is planning to discontinue certain products. Please review the detailed information given below to determine how these discontinuances will affect your products and/or processes. If you have any questions regarding these changes, please contact the person listed at the end of this letter.

**Subject:**

The EDS-728 Series, EDS-828 Series, and IM Module Series will start the discontinuance process from May 1, 2021.

**Service Level:**

Basic

**Effective Date:**

Due to the fact that the switching chips used by the EDS-728 Series and EDS-828 Series will be discontinued, the EDS-728 Series, EDS-828 Series, and IM Module Series will start the discontinuation process from May 1, 2021.

The product discontinuance date of the EDS-728 Series will be October 31, 2021.

The product discontinuance date of the EDS-828 Series and IM Module Series will be December 31, 2021.

**Last Buy Date:**

**EDS-728 Series:**

Last buy orders must be received before September 30, 2021.

**EDS-828 Series and IM Module Series:**

Last buy orders must be received before November 30, 2021.

**Model Names:**

To Be Discontinued		Recommended Replacement Products
Item	Model Name	Model Name
1	EDS-72810G	MDS-G4028 Series
2	EDS-72810G/KC	
3	EDS-72810G-2GSFP	
4	EDS-72810G-4GSFP	
5	EDS-72810G-4GTX	
6	EDS-72810G (CV-CT)	
7	EDS-82810G	MDS-G4028-L3 Series
8	EDS-82810G-4GSFP	
9	EDS-82810G-4GTX	
10	IM-2GSFP (CV-CT)	LM-7000H-4GSFP
11	IM-2GSFP	
12	IM-2GTX	LM-7000H-4GTX
13	IM-4TX	LM-7000H-4TX
14	IM-1LSC/3TX	N/A
15	IM-2MSC/2TX	
16	IM-2MST/2TX	
17	IM-2SSC/2TX	
18	IM-4MSC	
19	IM-4MST (CV-CT)	
20	IM-4MST	
21	IM-4SSC (CV-ST)	
22	IM-4SSC/KC	
23	IM-4SSC	
24	IM-4TX Dummy Sample	

**Change Description:**

Category	Sub-category	EDS-700/800 Series	MDS-G4000 Series	Possible Impact
Form	Dimensions	EDS-700/800 Series (W x D x H): 318.7 x 128 x 140 mm	MDS-G4000 Series (W x D x H): 218 x 163 x 115 mm	The depth of the product has increased, so it should be verified it can still be installed.
	Weight	1,950 g (4.30 lb)	2,840 g (6.26 lb)	The DIN rail must use the TS35 (15 mm) type to support the product.
Fit	Installation and Mounting Hole Diagram			The position where the screws will be inserted has changed slightly.
	Digital Input	2 channels	1 channel	One less digital input
	Relay Contact	2 (1 A @ 24 VDC)	3 (2 A @ 30 VDC)	Enhancement

**Switch Function:**

Category	Sub-category	EDS-700/800 Series	MDS-G4000 Series	Possible Impact
Port	Port Number	Up to 26 ports (max. 4 GbE ports)	Up to 26 ports (available for full GbE ports)	No impact
Switch Properties	MAC Table Size	16 K	16 K	No impact or enhancements
	Max. No. of VLANs	64	256	
	IGMP Groups	256	1024	
	Priority Queues	4	8	
MTBF	Value	191,203 hrs	966,801 hrs	Enhancement
Environmental Limits	Operating Temperature	0 to 60°C (32 to 140°F)	Standard temperature models: -10 to 60°C (-14 to 140°F)	Enhancement
			Wide temperature models: -40 to 75°C (-40 to 167°F)	
Power	Input Voltage	24 VDC	PWR-LV-P48, 24/48 VDC for the switch system	Enhancement
			PWR-HV-P48, 110/220 VDC for the switch system	

**Software Function Compatibility:**

Category	Sub-category	EDS-700/800 Series	MDS-G4000 Series
System	Auto-Backup Configurator (ABC-02)	Only ABC-01	Q4 2022
	DHCP Relay Option 66/67/82	✓	Not supported
	1588 PTP (software-based)	✓	Not supported
Port	Link-Swap Fast Recovery	✓	Enabled by default, cannot be disabled
Layer 2 Redundancy	MSTP	✓	Not supported
	Turbo Ring v1	✓	Not supported
Security	Loop Protection	✓	Not supported
Industrial Protocol	EtherNet/IP	✓	Not supported
	Modbus TCP	✓	Not supported
Monitor System	Monitor SFP	✓	Not supported
MXstudio	N-Snap	✓	Not supported
Unicast Routing	RIP	✓	Not supported

**Certification and Regulation Compatibility:**

Category	EDS-700/800 Series	MDS-G4000 Series
EMC	EN 55032/24	EN 55032/35
EMS	IEC 61000-4-2 ESD: Contact: 6 kV; Air: 8 kV IEC 61000-4-3 RS: 80 MHz to 1 GHz: 10 V/m IEC 61000-4-4 EFT: Power: 4 kV; Signal: 2 kV IEC 61000-4-5 Surge: Power: 2 kV; Signal: 1 kV IEC 61000-4-6 CS: 10 V IEC 61000-4-8 PFMF	IEC 61000-4-2 ESD: Contact: 8 kV; Air: 15 kV IEC 61000-4-3 RS: 80 MHz to 1 GHz: 20 V/m IEC 61000-4-4 EFT: Power: 4 kV; Signal: 4 kV IEC 61000-4-5 Surge: Power: 4 kV; Signal: 4 kV IEC 61000-4-6 CS: 10 V IEC 61000-4-8 PFMF IEC 61000-4-11
EMI	CISPR 32, FCC Part 15B Class A	CISPR 32, FCC Part 15B Class A
Maritime	ABS, DNV, LR, NK	N/A
Safety	EN 60950-1 UL 508 UL 60950-1 CSA C22.2 No. 60950-1	EN 62368-1 UL 62368-1 IEC 62368-1 IEC 60950-1
Railway	N/A	EN 50121-4
Traffic Control	N/A	NEMA TS2

**Recommended Replacement Products Delivery Schedule:**

The MDS-G4000 Series is available now.

The LM-70000H Module Series is available now.

The MDS-G4000-L3 Series will be available from July 2021.

**Note:**

1. If you require any of these discontinued products for an existing project, please contact your Moxa sales representative and place your orders before September 30, 2021.
2. All service rules e.g., warranty still apply to discontinued products.

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Note: If you have any questions, please email [Bennettnj.cheng@moxa.com](mailto:Bennettnj.cheng@moxa.com) or contact your regional sales representative.