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<b>Business Unit:</b>	<input type="checkbox"/> Outside Plant Products (OSP)	<input checked="" type="checkbox"/> Access & Transmission Products (A&T)				
<b>Product Category:</b>	360-80 Intelligent Channel Bank (ICB)					
<b>Class Code:</b>	8K					
<b>Bulletin Type:</b>	<input type="checkbox"/> NEW	<input type="checkbox"/> PCN	<input type="checkbox"/> PRICING	<input type="checkbox"/> RECALL	<input checked="" type="checkbox"/> MD	<input type="checkbox"/> SERVICE
<b>Bulletin Number:</b>	<b>PB-00341-J18</b>					
<b>Bulletin Author(s):</b>	Dominic Imbrogno, Sr. Director Active Enclosure Solutions					
<b>Date Issued:</b>	<b>10/03/18</b>					
<b>Authorized Release:</b>	<input checked="" type="checkbox"/> Charles – Internal Use	<input checked="" type="checkbox"/> Distributors/Partners	<input checked="" type="checkbox"/> Customers			

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## 360-80 Intelligent Channel Bank Manufacture Discontinued (MD) Notification

### **PRODUCTS AFFECTED:**

This notice impacts all products in the **360-80 Intelligent Channel Bank** Product Family.

### **BACKGROUND:**

Since its introduction in December 2000, Charles has supported the extensive 360-80 Intelligent Channel Bank (ICB) product family. We have worked diligently over the years to control product costs and when possible, pass those savings on to our customers. In addition, we have managed to maintain product support and price levels in the face of extremely limited component availability, escalating product costs, and a significant decline in overall market usage of T1 technology and these products. It is for these reasons that Charles Industries has commenced **Manufacture Discontinue (MD)** actions for the complete line of 360-80 Intelligent Channel Bank products, to include; all chassis, service modules, power systems, and associated cables within the 360-80 family.

### **EFFECTIVE DATES:**

**Effective immediately**, all 360-80 products listed in Appendix A, page 2, of this notification have been moved to manufacture discontinued (MD) status.

### **SUPPORT:**

Technical Support and repair services for Manufacture Discontinued products will continue to be provided beyond the MD date for products under warranty.

### **NOTIFICATIONS:**

A communications package will be sent via e-mail to distribution partners and direct customers on October 3, 2018. Contracted Customers will be treated in accordance with the terms set forth in their respective Agreements. All recipients of this notification are requested to return an enclosed 'NOTIFICATION OF RECEIPT'.

### **ORDERING/INFORMATION:**

Charles will accept Purchase Orders until **November 30, 2018**, with scheduled delivery **no later than April 31, 2019**. Every attempt will be made to ship orders received in full, however component availability has become extremely scarce and may limit the quantities that can be delivered.

Should you have any questions regarding this bulletin, please contact your Charles Inside Sales Representative directly, or phone (847) 806-6300.

### **QUESTIONS/COMMENTS:**

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## Appendix A

### 360-80 Intelligent Channel Bank Products

#### Effective Immediately

#### Manufacture Discontinued (MD) List

Product Description	Part Number
360-80 ICB Universal Enclosure Rack (19" or 23") Mount	93-036080-E
3603-81 T1 Controller Module with SNMP, Combined LIU (Line Interface Unit) and CSU (Channel Service Unit) SNMP-capable	91-360381-C
3603-86 E1 Controller Module with SNMP, Combined LIU (Line Interface Unit) and CSU (Channel Service Unit) SNMP-capable	91-360386-A
3608-80 Secondary T1 Controller with Cross Over Cable	91-360880-B
3608-80 Secondary E1 Controller with Cross Over Cable	91-360885-A
3652-80 E&M, 12 Ch 2W/4W w/TO, 600/900 ohm, all types of E/M interfaces	91-365280-B
3657-80 FXS/DPO for T1, 12Ch 2W w/PLARD, ER, LS/GS 600/900 ohm	91-365780-B
3657-85 FXS/DPO for E1, 12Ch 2W w/ER, LS/GS 600/900 ohm	91-365785-A
3658-80 FXO/DPT for T1, 12Ch 2W w/ER, LS/GS, 600/900 ohm DPT w/wink	91-365880-C
3658-85 FXO/DPT for E1, 12Ch 2W w/ER, LS/GS, 600/900 ohm DPT w/wink	91-365885-A
3660-80 Manual Ring Down Adaptor, 12Ch	91-366080-A
3641-80 Router, Single Ethernet Port	91-364180-A
3648-80 Router, 8 Port Ethernet Router	91-364880-A
3632-80 OCU, 12Ch Subrate Interfaces 2.4 to 19.2, SW56, 56/64 Kb	91-363280-A
3633-80 DSU, 12Ch Rates 2.4-64Kb, V.35, RS422, RS232, RS530	91-363380-B
3634-80 56/64xN, 6Ch, Rates 56-1.536, V.35, RS422, RS232, RS530	91-363480-B
3638-80 ISDN, 4Ch BRI U-Interface 2B+D, B+D, or D	91-363880-B
3652-81 E&M, 6 Ch 2W/4W w/TO, 600/900 ohm, all types of E/M interfaces	91-365281-A
3657-81 FXS/DPO for T1, 6Ch 2W w/PLARD, ER, LS/GS 600/900 ohm	91-365781-A
3657-86 FXS/DPO for E1, 6Ch 2W w/ER, LS/GS 600/900 ohm	91-365786-A
3658-81 FXO/DPT for T1, 6Ch 2W w/ER, LS/GS, 600/900 ohm DPT w/wink	91-365881-B
3658-86 FXO/DPT for E1, 6Ch 2W w/ER, LS/GS, 600/900 ohm DPT w/wink	91-365886-A
3632-81 OCU, 6Ch Subrate Interfaces 2.4 to 19.2, SW56, 56/64 Kb	91-363281-A
3633-81 DSU, 6Ch Rates 2.4-64Kb, V.35, RS422, RS232, RS530	91-363381-B
3638-81 ISDN, 2Ch BRI U-Interface 2B+D, B+D, or D	91-363881-A
E1 Balun Kit (Balun and Cable)	97-001811-A
HDSL/HDSL2 Adaptor, Accepts 200 mechanics modules	97-001787-A
V.35 adapter cable	03-210149-0
V.24/RS-232/RS-530 adapter cable	03-210150-0
V.36/RS-449 adapter cable	03-210151-0
DSU-DP 4:1 adapter cable	03-210148-0
2:1 adapter cable for 1/2 size unit	03-210152-0
120/240V AC to -48V DC power supply, 19/23 inch Rack or Wall Mount	93-855180-A
+24V DC to -48V DC Converter (Power Supply), 19/23 inch Rack or Wall Mount	93-855080-A
Redundant D.C. Power Wiring Kit (Power Supplies NOT included)	97-001786-A
UL kit, 1 set of blank panels to cover open slots (2 full size, 1 half size front and rear)	97-001793-A
360-80 ICB Craft Terminal Cable	03-200542-0