



## DS/LI/LS4278 DS6878 Technical Accessory Guide



NOTE: DS6878-SR discontinued 5/2017 - see PMB 2936  
DS6878-HC discontinued 7/2017 - see PMB 2936  
LS4278 discontinued 9/2012 - see PMB 2114

NOTE: This document is only for general reference. Solutions Pathway and related PMBs should be used for product availability, pricing, and final solution selection.

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### Cradles

Part Number	Description	Notes	Required Items
CR0078-PC1F007WR	 Presentation Charging/Communication Cradle - Black	<ul style="list-style-type: none"> <li>▶ LI4278 or DS6878 will operate in Presentation Mode</li> <li>▶ FIPS certified</li> <li>▶ DS6878 can perform image capture and image transfer images up to 4.25 in x 6 in.</li> <li>▶ Supports OCR</li> <li>▶ Provides longer BT range than CR0078-SC (440 ft. line of sight vs. 330 ft)</li> <li>▶ Provides pager button for beeping scanner when lost.</li> <li>▶ Pair up to 7 scanners per cradle</li> </ul>	<ul style="list-style-type: none"> <li>▶ Communication Cable</li> <li>▶ Power Supply (PWR-BGA12V50W0WWW and CBL-DC-375A1-01)</li> <li>▶ AC Line Cord (23844-00-00R).</li> </ul>
CR0078-PC1F09BWR	 Presentation Charging/Communication Cradle - Healthcare Blue	<ul style="list-style-type: none"> <li>▶ LI4278 or DS6878 will operate in Presentation Mode</li> <li>▶ FIPS certified</li> <li>▶ DS6878 can perform image capture and image transfer images up to 4.25 in x 6 in.</li> <li>▶ Supports OCR</li> <li>▶ Disinfectant-ready resistance to chemical cleaning agents</li> <li>▶ Provides longer BT range than CR0078-SC (440 ft. line of sight vs. 330 ft)</li> <li>▶ Provides pager button for beeping scanner when lost.</li> <li>▶ Pair up to 7 scanners per cradle</li> </ul>	<ul style="list-style-type: none"> <li>▶ Communication Cable</li> <li>▶ Power Supply (PWR-BGA12V50W0WWW and CBL-DC-375A1-01)</li> <li>▶ AC Line Cord (23844-00-00R).</li> </ul>
CR0078-SC10007WR CR0078-SC10007CN (for use in mainland China only)	 Charging/Communication Cradle - Black	<ul style="list-style-type: none"> <li>▶ Pair up to 3 scanners per cradle</li> </ul>	<ul style="list-style-type: none"> <li>▶ Communication Cable</li> <li>▶ May require Power Supply (PWR-WUA5V4W0US or similar country specific) depending on communication cable selected.</li> </ul>
CR0078-SC10001WR	 Charging/Communication Cradle - White	<ul style="list-style-type: none"> <li>▶ Pair up to 3 scanners per cradle</li> </ul>	<ul style="list-style-type: none"> <li>▶ Communication Cable</li> <li>▶ May require Power Supply (PWR-WUA5V4W0US or similar country specific) depending on communication cable selected.</li> </ul>
CR0078-SC1009BWR	 Charging/Communication Cradle - Healthcare White/Blue	<ul style="list-style-type: none"> <li>▶ Disinfectant-ready resistance to chemical cleaning agents</li> <li>▶ Pair up to 3 scanners per cradle</li> </ul>	<ul style="list-style-type: none"> <li>▶ Communication Cable</li> <li>▶ May require Power Supply (PWR-WUA5V4W0US or similar country specific) depending on communication cable selected.</li> </ul>
CR0008-SC10007R	 Charge Only Cradle - Black	<ul style="list-style-type: none"> <li>▶ Can't be powered via USB cable</li> </ul>	<ul style="list-style-type: none"> <li>▶ Power Supply (PWR-WUA5V4W0US or similar country specific)</li> </ul>

### Communication Cables

Zebra associates and partners can also see Zebra's Universal Cable Guide at:  
[https://partnerportal.zebra.com/PartnerPortal/product\\_services/downloads\\_z/barcode\\_scanners/Universal-Cable-Guide-Bar-Code-Scanners.xlsx](https://partnerportal.zebra.com/PartnerPortal/product_services/downloads_z/barcode_scanners/Universal-Cable-Guide-Bar-Code-Scanners.xlsx)

Standard USB Cables					
Non-Shielded USB Cable Part Number (used on CR0078-SC cradles)	Shielded USB Cable Part Number (only used on CR0078-PC cradles)	Picture	Description	Notes	Required Items
CBA-U01-S07ZAR	CBA-U21-S07ZBR CBA-U21-S07ZAR - to be replaced by CBA-U21-S07ZBR after stock is used up - PMB 3003		USB Cable: Series A Connector, 7ft. Straight		Does not require external power supply on CR0078-SC unless host will be powered off and charging of 4278/6878 is still required.
CBA-U16-S08PAR	N/A		USB Cable: Series A Connector, 8ft. Straight, Powered	<ul style="list-style-type: none"> <li>▶ Cable can be used when host device doesn't provide enough power on USB port or to provide power to scanner while host is turned off.</li> <li>▶ Can be used with DS3508-ER and VC5090</li> </ul>	<ul style="list-style-type: none"> <li>▶ 12V external power supply - Power Supply (PWR-BGA12V50W0WW and CBL-DC-375A1-01)</li> <li>▶ AC Line Cord (23844-00-00R)</li> </ul>
CBA-U30-S15ZBR (cable ties shield to ground which allows it to be used with scanners requiring Non-Shielded or Shielded cables)	CBA-U30-S15ZBR (has heavier gauge wire vs. CBA-U30-S15ZAR, can support 5V and 12V power, scanner dependent)		USB Cable: Series A Connector, 15ft. Straight		Does not require external power supply on CR0078-SC unless host will be powered off and charging of 4278/6878 is still required.
CBA-U10-S15ZAR	CBA-U30-S15ZAR ▶ Discontinued 2/2019, now use CBA-U30-S15ZBR - see PMB 10044				
CBA-U12-C09ZAR	CBA-U32-C09ZAR		USB Cable: (Series A Connector, 9ft. Coiled)		Does not require external power supply on CR0078-SC unless host will be powered off and charging of 4278/6878 is still required.
CBA-U09-C15ZAR	CBA-U29-C15ZBR (has heavier gauge wire vs. CBA-U29-C15ZAR, can support 5V and 12V power, scanner dependent) CBA-U29-C15ZAR ▶ Discontinued 4/2020, now use CBA-U29-C15ZBR - see PMB 10343		USB Cable: Series A Connector, 15ft. Coiled		Does not require external power supply on CR0078-SC unless host will be powered off and charging of 4278/6878 is still required.
CBA-U06-S09EAR	CBA-U26-S09EAR		USB Cable: EAS, Series A Connector, 9ft. Straight	Integrates with Checkpoint EAS security tag system	Does not require external power supply on CR0078-SC unless host will be powered off and charging of 4278/6878 is still required.
IBM POS USB Cables					
Non-Shielded USB Cable Part Number (used on all but FIPS 3578 cradles)	Shielded USB Cable Part Number (only used on FIPS 3578 cradles)	Picture	Description	Notes	Required Items
CBA-U23-S07ZBR (cable ties shield to ground which allows it to be used with scanners requiring Non-Shielded or Shielded cables)	CBA-U23-S07ZBR (has heavier gauge wire vs. CBA-U23-S07ZAR, can support 5V and 12V power, scanner dependent)		USB Cable: Power Plus Connector, 7ft. Straight		Does not require external power supply on CR0078-SC unless host will be powered off and charging of 4278/6878 is still required.
CBA-U03-S07ZAR	CBA-U23-S07ZAR ▶ Discontinued 2/2019, now use CBA-U23-S07ZBR - see PMB 10044				
CBA-M02-S07ZAR	N/A		USB Cable: Power Plus Connector, Y power, 7 ft. Straight	<ul style="list-style-type: none"> <li>▶ Cable used to provide communications and power to Presentation Cradles (CR0078-PC1F007WR or CR0078-PC1F09BWR)</li> <li>▶ Note: cable SKU is listed as IBM 468x/469x but it is a Power Plus USB cable.</li> </ul>	

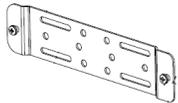
CBA-U35-S15ZBR (cable ties shield to ground which allows it to be used with scanners requiring Non-Shielded or Shielded cables)	CBA-U35-S15ZBR (has heavier gauge wire vs. CBA-U35-S15ZAR, can support 5V and 12V power, scanner dependent)		USB Cable: Power Plus Connector, 15ft. Straight		Does not require external power supply on CR0078-SC unless host will be powered off and charging of 4278/6878 is still required.
CBA-U15-S15ZAR	CBA-U35-S15ZAR Discontinued 2/2019, now use CBA-U35-S15ZBR - see PMB 10044				
CBA-U14-C09ZAR Discontinued 10/31/2012, PMB 2152	CBA-U34-C09ZAR		USB Cable: Power Plus Connector, 9ft. Coiled		Does not require external power supply on CR0078-SC unless host will be powered off and charging of 4278/6878 is still required.
CBA-U08-C15ZAR	CBA-U28-C15ZBR (has heavier gauge wire vs. CBA-U28-C15ZAR, can support 5V and 12V power, scanner dependent) CBA-U28-C15ZAR Discontinued 4/2020, now use CBA-U28-C15ZBR - see PMB 10343		USB Cable: Power Plus Connector, 15ft. Coiled		Does not require external power supply on CR0078-SC unless host will be powered off and charging of 4278/6878 is still required.
CBA-U07-S09EAR	CBA-U27-S09EAR		USB Cable: Power Plus Connector, 9ft. Straight with EAS	Integrates with Checkpoint EAS security tag system	Does not require external power supply on CR0078-SC unless host will be powered off and charging of 4278/6878 is still required.

**RS232 Cables**

Part Number	Picture	Description	Notes	Required Items
CBA-R01-S07PBR		RS232 Cable:STD-DB9 Female, TxD on 2, 7ft. Straight	Includes improved TTL current limit protection circuitry vs. CBA-R01-S07PAR	Requires external power supply
CBA-R02-C09PAR		RS232 Cable:STD-DB9 Female, TxD on 2, 9ft. Coiled		Requires external power supply
CBA-R03-C12PAR		RS232 Cable:STD-DB9 Female, TxD on 2, 12ft. Coiled		Requires external power supply
CBA-R06-C20PBR		RS232 Cable:STD-DB9 Female, TxD on 2, 20ft. Coiled	Includes improved TTL current limit protection circuitry vs. CBA-R06-C20PAR	Requires external power supply
CBA-R49-C09ZAR		RS232 Cable: True Cvr, DB9 Female, Pwr Pin 9, TxD on 2, 9ft. Coiled - Freezer Rated	Cable and strain relief are rated for freezer environment use (-30°C). Cable provides ±12V signaling (RS232C) needed by some older PLC's which may not support TTL signalling	Does not require external power supply on CR0078-SC unless host will be powered off and charging of 4278/6878 is still required.
CBA-R46-C09ZBR		RS232 Cable: True Cvr, DB9 Female, Pwr Pin 9, TxD on 2, 9ft. Coiled	Cable provides ±12V signaling (RS232C) needed by some older PLC's which may not support TTL signalling	Does not require external power supply on CR0078-SC unless host will be powered off and charging of 4278/6878 is still required.
CBA-R37-C09ZBR		RS232 Cable: STD-DB9 Female, PWR Pin 9, 9ft coiled	Includes improved TTL current limit protection vs. CBA-R37-C09ZAR.	Does not require external power supply on CR0078-SC unless host will be powered off and charging of 4278/6878 is still required.

CBA-R32-S07PAR		RS232 Cable: True Cvr, DB9 Female, TxD on 2, 7ft. Straight	► Cable provides $\pm 12V$ signaling (RS232C) needed by some older PLC's which may not support TTL signalling	Requires external power supply
<b>Siemens Nixdorf Beetle POS Terminal RS232 Cables</b>				
Part Number	Picture	Description	Notes	Required Items
CBA-R08-S07ZBR		RS232 Cable: Nixdorf Beetle-5V Direct Power Cable 7ft. Straight	► Includes improved TTL current limit protection circuitry vs. CBA-R08-S07ZAR	Does not require external power supply on CR0078-SC unless host will be powered off and charging of 4278/6878 is still required.
CBA-R09-C09ZAR		RS232 Cable: Nixdorf Beetle-5V Direct Power Cable 9ft. Coiled		Does not require external power supply on CR0078-SC unless host will be powered off and charging of 4278/6878 is still required.
CBA-R10-S07ZBR		RS232 Cable: Nixdorf Beetle-12V Direct Power, 7ft. Straight	► Includes improved TTL current limit protection circuitry vs. CBA-R10-S07ZAR	Does not require external power supply on CR0078-SC unless host will be powered off and charging of 4278/6878 is still required.
CBA-R41-S12ZAR		RS232 Cable: Nixdorf Beetle-12V Direct Power, 12ft. Straight		Does not require external power supply on CR0078-SC unless host will be powered off and charging of 4278/6878 is still required.
CBA-R14-C20ZAR		RS232 Cable: Nixdorf Beetle, 20ft. Coiled		Does not require external power supply on CR0078-SC unless host will be powered off and charging of 4278/6878 is still required.
CBA-R43-C20ZAR		RS232 Cable: Nixdorf Beetle, DB25, 20ft. Coiled		Does not require external power supply on CR0078-SC unless host will be powered off and charging of 4278/6878 is still required.
CBA-R13-S09EAR		RS232 Cable: Nixdorf Beetle-12V Direct Power, 7ft. Straight., with EAS	Integrates with Checkpoint EAS security tag system	Does not require external power supply on CR0078-SC unless host will be powered off and charging of 4278/6878 is still required.
<b>Other POS Terminal RS232 Cables</b>				
Part Number	Picture	Description	Notes	Required Items
CBA-R23-S07ZBR		RS232 Cable: Fujitsu Team POS 500 ICL , 7ft straight	► Includes improved TTL current limit protection circuitry vs. CBA-R23-S07ZAR	
CBA-R22-C09ZAR		RS232 Cable: Fujitsu Team POS 500 ICL, 9ft coiled		
CBA-R24-C20ZAR		RS232 Cable: Fujitsu Team POS 500 ICL, 20ft Coiled		

CBA-R31-C09ZAR		CBL:RS232 (NCR7448) 9FT,CLD		
CBA-R47-C09ZAR		CBL:RS232 (NCR AUX PORT) 9FT, CLD		
25-32465-26		RS232 Cable: Datalogic Magellan scanner Auxiliary Port, 6ft Coiled		
CBA-R28-C09ZAR		RS232 Cable: Verifone Ruby, 9ft, Coiled		
<b>Keyboard Wedge Cables</b>				
Part Number	Picture	Description	Notes	Required Items
CBA-K01-S07PAR		Keyboard Wedge Cable: PS/2, Power Port, 7ft. Straight	Host can provide enough power on PS2 port for scanner, however, Zebra recommends using an external power supply to protect the host's PS2 port.	
CBA-K02-C09PAR		Keyboard Wedge Cable: PS/2, Power Port, 9ft. Coiled	Host can provide enough power on PS2 port for scanner, however, Zebra recommends using an external power supply to protect the host's PS2 port.	
CBA-K08-C20PAR		Keyboard Wedge Cable: PS/2, Power Port, 20ft. Coiled	Host can provide enough power on PS2 port for scanner, however, Zebra recommends using an external power supply to protect the host's PS2 port.	
<b>IBM 468x/469x POS Cables</b>				
Part Number	Picture	Description	Notes	Required Items
CBA-M04-S07ZAR		IBM 468x/9x, Port 5B Cable, 7ft. Straight		Does not require external power supply on CR0078-SC unless host will be powered off and charging of 4278/6878 is still required.
CBA-M01-S07ZAR		IBM 468x/9x, Port 9B Cable, 7ft. Straight		Does not require external power supply on CR0078-SC unless host will be powered off and charging of 4278/6878 is still required.
CBA-M02-C09ZAR		IBM 468x/9x, Port 9B Cable, 9ft. Coiled		Does not require external power supply on CR0078-SC unless host will be powered off and charging of 4278/6878 is still required.
<b>Terminal Specific Cables</b>				

P1031365-057		Scanner to QLn/ZQ6 Series Printer Cable	<ul style="list-style-type: none"> <li>▶ Allows scanner to be directly connected to serial port on QLn or ZQ6 series printers.</li> <li>▶ Serial port on printer will power the scanner</li> <li>▶ 41" long when extended</li> </ul>	
CBA-A51-S16ZAR		Auxiliary Scanner Cable to MP6000/MP7000, RS232 Serial	<ul style="list-style-type: none"> <li>▶ Allows handheld scanners to be used with MP6000/MP7000 for scanning heavy/awkward items.</li> <li>▶ 5 meter length</li> <li>▶ RS232 serial connection to scanner</li> <li>▶ Connects to AUX2 port on MP6000/MP7000</li> <li>▶ Provides power to corded scanners</li> <li>▶ NOTE: MP6000/MP7000 supports maximum of 2 auxiliary scanners.</li> </ul>	
<b>Synapse Adapter Cables    NOTE: Not supported with CR0078-PC (Presentation Cradle)</b>				
CBA-S01-S07ZAR		Synapse Adapter Cable: 7ft. Straight		May require external power supply depending on Synapse adapter chosen
CBA-S05-S09EAR		Synapse Adapter Cable with EAS 9ft. Straight	Integrates with Checkpoint EAS security tag system	
<b>Misc</b>				
<b>Part Number</b>	<b>Picture</b>	<b>Description</b>	<b>Notes</b>	<b>Required Items</b>
20-70774-02R		Intellistand (Black color)		
20-70774-01R		Intellistand (White color)		
20-70777-01R		Desk Holder		
11-66553-06R		Wall Mount Holder		
21-135001-01		Wall Mount bracket for CR0078-SC and CR0008-SC Cradles		



PWR-WUA5V4W0BR		Power Supply (Brazil)	<ul style="list-style-type: none"> <li>▶ Used when connecting communication cables labeled above as "Requires external power supply" - including CR0008-SC and CR0078-SC cradles.</li> <li>▶ For use in Brazil.</li> <li>▶ 5.2V, 1.1A, 5.7W</li> <li>▶ Provides US DOE Level VI compliance for power efficiency.</li> <li>▶ Replaces PWRS-14000-255R</li> </ul>	
PWR-WUA5V4W0EU		Power Supply (EU and UK)	<ul style="list-style-type: none"> <li>▶ Used when connecting communication cables labeled above as "Requires external power supply" - including CR0008-SC and CR0078-SC cradles.</li> <li>▶ For use in EU and UK.</li> <li>▶ 5.2V, 1.1A, 5.7W</li> <li>▶ Provides US DOE Level VI compliance for power efficiency.</li> <li>▶ Replaces PWRS-14000-256R</li> </ul>	
PWR-WUA5V4W0CN		Power Supply (China)	<ul style="list-style-type: none"> <li>▶ Used when connecting communication cables labeled above as "Requires external power supply" - including CR0008-SC and CR0078-SC cradles.</li> <li>▶ For use in China.</li> <li>▶ 5.2V, 1.1A, 5.7W</li> <li>▶ Provides US DOE Level VI compliance for power efficiency.</li> <li>▶ Replaces PWRS-14000-257R</li> </ul>	
PWR-WUA5V4W0AU		Power Supply (Australia)	<ul style="list-style-type: none"> <li>▶ Used when connecting communication cables labeled above as "Requires external power supply" - including CR0008-SC and CR0078-SC cradles.</li> <li>▶ For use in Australia.</li> <li>▶ 5.2V, 1.1A, 5.7W</li> <li>▶ Provides US DOE Level VI compliance for power efficiency.</li> <li>▶ Replaces PWRS-14000-258R</li> </ul>	
PWRS-14000-058R		Power Supply (Universal)	<ul style="list-style-type: none"> <li>▶ 100-250 VAC, 5.2VDC, 2A</li> <li>▶ Energy Star Compliant</li> <li>▶ Can be used as alternative to PWRS-14000-25xR power supplies.</li> </ul>	23844-00-00
23844-00-00R		AC Line Cord		
<b>For powering CR0078-PC Presentation Cradle</b>				
CBL-DC-375A1-01		DC Power Cord	<ul style="list-style-type: none"> <li>▶ Used along with Power Supply PWR-BGA12V50W0WW to power CR0078-PC Presentation Cradle.</li> </ul>	
PWR-BGA12V50W0WW		Power Supply	<ul style="list-style-type: none"> <li>▶ Used to power CR0078-PC Presentation Cradle.</li> <li>▶ 100-240 VAC, 12V, 4.16A, 50W</li> <li>▶ Provides US DOE Level VI compliance for power efficiency.</li> <li>▶ Replaces PWRS-14000-148R</li> </ul>	DC Line Cord (CBL-DC-375A1-01) and AC Line Cord (23844-00-00R)
23844-00-00R		AC Line Cord		
<b>Batteries</b>				
<b>Part Number</b>	<b>Picture</b>	<b>Description</b>	<b>Notes</b>	<b>Required Items</b>

BTRY-LS42RAA0E-01		4278 Spare Battery		
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