DS/LI/LS4278
DS6878 Technical Accessory Guide

ZEBRA

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. Solution Builder 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	‣LI4278 or DS6878 will operate in Presentation Mode ‣FIPS certified ‣DS6878 can perform image capture and image transfer images up to 4.25 in x 6 in. ‣Supports OCR ‣Provides longer BT range than CR0078-SC (440 ft. line of sight vs. 330 ft) ‣Provides pager button for beeping scanner when lost. ‣Pair up to 7 scanners per cradle	‣Communication Cable ‣Power Supply (PWR-BGA12V50W0WW and CBL-DC-375A1-01) ‣AC Line Cord (23844-00-00R).
CR0078-PC1F09BWR		Presentation Charging/Communication Cradle - Healthcare Blue	‣LI4278 or DS6878 will operate in Presentation Mode ‣FIPS certified ‣DS6878 can perform image capture and image transfer images up to 4.25 in x 6 in. ‣Supports OCR ‣Disinfectant-ready resistance to chemical cleaning agents ‣Provides longer BT range than CR0078-SC (440 ft. line of sight vs. 330 ft) ‣Provides pager button for beeping scanner when lost. ‣Pair up to 7 scanners per cradle	‣Communication Cable ‣Power Supply (PWR-BGA12V50W0WW and CBL-DC-375A1-01) ‣AC Line Cord (23844-00-00R).
CR0078-SC10007WR		Charging/Communication Cradle - Black	‣Pair up to 3 scanners per cradle	‣Communication Cable ‣May require Power Supply (PWR-WUA5V4W0US or similar country specfic) depending on communication cable selected.
CR0078-SC10001WR		Charging/Communication Cradle - White	‣Pair up to 3 scanners per cradle	‣Communication Cable ‣May require Power Supply (PWR-WUA5V4W0US or similar country specfic) depending on communication cable selected.
CR0078-SC1009BWR		Charging/Communication Cradle - Healthcare White/Blue	‣Disinfectant-ready resistance to chemical cleaning agents ‣Pair up to 3 scanners per cradle	‣Communication Cable ‣May require Power Supply (PWR-WUA5V4W0US or similar country specfic) depending on communication cable selected.
CR0008-SC10007R		Charge Only Cradle - Black	‣Can't be powered via USB cable	‣Power Supply (PWR-WUA5V4W0US or similar country specfic)

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

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NOTE: Items highlighted in grey may not be orderable/available

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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	‣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. ‣Can be used with DS3508-ER and VC5090	‣12V external power supply - Power Supply (PWR-BGA12V50W0WW and CBL-DC-375A1-01) ‣AC Line Cord (23844-00-00R)
CBA-U10-S15ZAR	CBA-U30-S15ZBR (has heavier gauge wire vs. CBA-U30-S15ZAR, can support 5V and 12V power, scanner dependent) CBA-U30-S15ZAR - to be discontinued 2/2019, now use CBA-U30-S15ZBR - see PMB 10044		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-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-C15ZAR		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-U03-S07ZAR	CBA-U23-S07ZBR (has heavier gauge wire vs. CBA-U23-S07ZAR, can support 5V and 12V power, scanner dependent) CBA-U23-S07ZAR - to be discontinued 2/2019, now use CBA-U23-S07ZBR - see PMB 10044		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-U15-S15ZAR	CBA-U35-S15ZBR (has heavier gauge wire vs. CBA-U35-S15ZAR, can support 5V and 12V power, scanner dependent) CBA-U35-S15ZAR - to be discontinued 2/2019, now use CBA-U35-S15ZBR - see PMB 10044		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-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.

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Part Number	Part Number	Picture	Description	Notes	Required Items
CBA-U08-C15ZAR	CBA-U28-C15ZAR		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-R01-S07PAR			RS232 Cable:STD-DB9 Female, TxD on 2, 7ft. Straight	‣To be discontinued 2/2019, now use CBA-R01-S07PBR - see PMB 10044	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-C20PAR			RS232 Cable:STD-DB9 Female, TxD on 2, 20ft. Coiled		Requires external power supply
CBA-R49-C09ZAR			RS232 Cable: True Cvtr, 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 Cvtr, 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-C09ZAR			RS232 Cable: STD-DB9 Female, PWR Pin 9, 9ft coiled	‣Includes improved strain relief design over CBA-R36-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 Cvtr, DB9 Female, TxD on 2, 7ft. Straight	‣Cable provides ±12V signaling (RS232C) needed by some older PLC's which may not support TTL signalling	Requires external power supply

Siemens Nixdorf Beetle POS Terminal RS232 Cables					
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.

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Part Number	Picture	Description	Notes	Required Items
CBA-R08-S07ZAR		RS232 Cable: Nixdorf Beetle-5V Direct Power Cable 7ft. Straight	‣To be discontinued 2/2019, now use CBA-R08-S07ZBR - see PMB 10044	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-R10-S07ZAR		RS232 Cable: Nixdorf Beetle-12V Direct Power, 7ft. Straight	‣To be discontinued 2/2019, now use CBA-R10-S07ZBR - see PMB 10044	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-R12-C12ZAR		RS232 Cable: Nixdorf Beetle-12V Direct Power, 12ft. 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-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.
Other POS Terminal RS232 Cables				
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-R23-S07ZAR		RS232 Cable: Fujitsu Team POS 500 ICL , 7ft straight	‣To be discontinued 2/2019, now use CBA-R23-S07ZBR - see PMB 10044	
CBA-R24-C20ZAR		RS232 Cable: Fujitsu Team POS 500 ICL, 20ft Coiled		
CBA-R27-S07ZAR		RS232 Cable: NCR7432 DYNAKEY, 7ft. Straight	‣To be discontinued 2/2019 - see PMB 10043	

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Part Number	Picture	Description	Notes	Required Items
CBA-R31-C09ZAR		CBL:RS232 (NCR7448) 9FT,CLD		
CBA-R47-C09ZAR		CBL:RS232 (NCR AUX PORT) 9FT, CLD		
25-32465-26		RS232 Cable: PSC Magellan scanner Auxiliary Port, 6ft Coiled		
CBA-R28-C09ZAR		RS232 Cable: Verifone Ruby, 9ft, Coiled		

Keyboard Wedge Cables				
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-K05-S15PAR		Keyboard Wedge Cable: PS/2, Power Port, 15ft. Straight	‣To be discontinued 2/2019 - see PMB 10043 ‣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-K06-C12PAR		Keyboard Wedge Cable: PS/2, Power Port, 12ft. Coiled	‣To be discontinued 2/2019 - see PMB 10043 ‣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.	

IBM 468x/469x POS Cables				
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.

CBA-M10-C12ZAR		IBM 468x/9x-Port 9B, 12ft. Coiled	Made available again 8/2016	Does not require external power supply on CR0078-SC unless host will be powered off and charging of 4278/6878 is still required.
Scanner Emulation Cables *NOTE: Not supported with CR0078-PC (Presentation Cradle)*				
CBA-D02-C09ZAR		CBL: STD UNDECODED 9 FT COILED		Requires external power supply
Terminal Specific Cables				
P1031365-057		Scanner to QLn/ZQ6 Series Printer Cable	‣Allows scanner to be directly connected to serial port on QLn or ZQ6 series printers. ‣Serial port on printer will power the scanner ‣41" long when extended	
CBA-A51-S16ZAR		Auxillary Scanner Cable to MP6000/MP7000, RS232 Serial	‣Allows handheld scanners to be used with MP6000/MP7000 for scanning heavy/awkward items. ‣5 meter length ‣RS232 serial connection to scanner ‣Connects to AUX2 port on MP6000/MP7000 ‣Provides power to corded scanners ‣NOTE: MP6000/MP7000 supports maximum of 2 auxillary scanners.	
Synapse Adapter Cables *NOTE: Not supported with CR0078-PC (Presentation Cradle)*				
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	
Misc				
Part Number	Picture	Description	Notes	Required Items
20-70774-02R		Intellistand (Black color)		
20-70774-01R		Intellistand (White color)		

Part Number	Picture	Description	Notes	Required Items
20-70777-01R		Desk Holder		
11-66553-06R		Wall Mount Holder		
21-135001-01		Wall Mount bracket for CR0078-SC and CR0008-SC Cradles		
(3rd party) * http://www.ultimacase.com	Agora Edge website	Additional Holsters		
(3rd party) * http://logisterra.com	Logisterra website	Additional Holsters/Boots		
50-12500-066		Wrist Lanyard	Attaches to inside of battery latch door	
(3rd party) * http://www.sensormatic.com		Sensormatic Mobile Handheld Deactivator	‣Designed to attach to DS6878 ONLY for an all-in-one mobile scanner/deactivation solution. ‣After scanning merchandise, the deactivator emits a visual and an audible signal to confirm successful AM label deactivation. When lit, the indicator light alerts cashiers that an active label is still in the deactivator's range. This level of intelligence and control helps prevent sweethearting, scan avoidance and merchandise switching. ‣The mobility feature allows cashiers to scan and deactivate heavy, bulky merchandise in the shopping cart to help improve checkout throughput, reduce nuisance EAS alarms at the door, and minimize heavy-lifting related injuries. As a result, the deactivator contributes to a greater flexibility and safety for store associates, as well as faster checkout and increased customer satisfaction. ‣Includes cradle adapter for the 6878 cradle that allows both the DS6878 and Handheld Deactivator to be cradled and charged simultaneously.	

Power Supplies/Power Cords

Part Number	Picture	Description	Notes	Required Items
For powering corded scanners and CR0008-SC and CR0078-SC cradles				

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PWR-WUA5V4W0US		Power Supply (US)	▸Used when connecting communication cables labeled above as "Requires external power supply" - including CR0008-SC and CR0078-SC cradles. ▸For use in US, CA, MX, JP, TW. ▸5.2V, 1.1A, 5.7W ▸Provides US DOE Level VI compliance for power efficiency. ▸Replaces PWRS-14000-253R	
PWR-WUA5V4W0IN		Power Supply (India)	▸Used when connecting communication cables labeled above as "Requires external power supply" - including CR0008-SC and CR0078-SC cradles. ▸For use in India. ▸5.2V, 1.1A, 5.7W ▸Provides US DOE Level VI compliance for power efficiency. ▸Replaces PWRS-14000-254R	
PWR-WUA5V4W0BR		Power Supply (Brazil)	▸Used when connecting communication cables labeled above as "Requires external power supply" - including CR0008-SC and CR0078-SC cradles. ▸For use in Brazil. ▸5.2V, 1.1A, 5.7W ▸Provides US DOE Level VI compliance for power efficiency. ▸Replaces PWRS-14000-255R	
PWR-WUA5V4W0EU		Power Supply (EU and UK)	▸Used when connecting communication cables labeled above as "Requires external power supply" - including CR0008-SC and CR0078-SC cradles. ▸For use in EU and UK. ▸5.2V, 1.1A, 5.7W ▸Provides US DOE Level VI compliance for power efficiency. ▸Replaces PWRS-14000-256R	
PWR-WUA5V4W0CN		Power Supply (China)	▸Used when connecting communication cables labeled above as "Requires external power supply" - including CR0008-SC and CR0078-SC cradles. ▸For use in China. ▸5.2V, 1.1A, 5.7W ▸Provides US DOE Level VI compliance for power efficiency. ▸Replaces PWRS-14000-257R	
PWR-WUA5V4W0AU		Power Supply (Australia)	▸Used when connecting communication cables labeled above as "Requires external power supply" - including CR0008-SC and CR0078-SC cradles. ▸For use in Australia. ▸5.2V, 1.1A, 5.7W ▸Provides US DOE Level VI compliance for power efficiency. ▸Replaces PWRS-14000-258R	
PWRS-14000-058R		Power Supply (Universal)	▸100-250 VAC,5.2VDC,2A ▸Energy Star Compliant ▸Can be used as alternative to PWRS-14000-25xR power supplies.	23844-00-00
23844-00-00R		AC Line Cord		
For powering CR0078-PC Presentation Cradle				
CBL-DC-375A1-01		DC Power Cord	▸Used along with Power Supply PWR-BGA12V50W0WW to power CR0078-PC Presentation Cradle.	

Part Number	Picture	Description	Notes	Required Items
PWR-BGA12V50W0WW		Power Supply	‣Used to power CR0078-PC Presentation Cradle. ‣100-240 VAC,12V, 4.16A, 50W ‣Provides US DOE Level VI compliance for power efficiency. ‣Replaces PWRS-14000-148R	DC Line Cord (CBL-DC-375A1-01) and AC Line Cord (23844-00-00R)
23844-00-00R		AC Line Cord		

Batteries

Part Number	Picture	Description	Notes	Required Items
BTRY-LS42RAA0E-01		4278 Spare Battery		

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