

Technical Accessory Guides (TAGs)

For Associates, Resellers, ISVs and Alliance Partners

Global



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TC15/TN28 Series Technical Accessory Guide



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 and Charging

Cradles

Part Number	Picture	Description	Notes	Required Items
CRD-TC1XTN28-2SC-01		Single Slot Charge-Only Cradle	<ul style="list-style-type: none"> ▶ Connects to 2-pin Charge Connectors on bottom of device. ▶ Will charge battery from 0 to 80% in less than 2 hours or 0 to 100% in less than 3.5 hours. ▶ Also charges a spare battery simultaneously. ▶ Does not use Zebra ShareCradle design. ▶ Supports device with or without rugged boot installed by removing cradle shim. ▶ Connector plate included on bottom of cradle which can be used to join/gang together two or more cradles together. 	<ul style="list-style-type: none"> ▶ Power Supply (PWR-BGA12V50W0WW) ▶ DC Line Cord (CBL-DC-388A1-01) ▶ AC Line Cord (23844-00-00P or country specific version)

Direct to Device Charging

Part Number	Picture	Description	Notes	Required Items
CBL-TC5X-USBC2A-01		USB-C cable for Charging/Communication	<ul style="list-style-type: none"> ▶ USB-A to USB-C cable ▶ Attaches to USB-C port on the bottom of the device. ▶ Can be used to charge the device via USB connections (PC, USB AC Wall Outlet adapter, USB Cigarette Lighter adapter) ▶ Cable length is 1M (~3.3 ft.) ▶ Will charge battery in device from 0 to 80% in less than 2 hours or 0 to 100% in less than 3.5 hours when using the wall-adaptor 5V power supply or Cigarette Adapter. 	<p>For charging via AC Wall Outlet: USB Power Adapter (PWR-WUA5V12W0US - or country specific version)</p> <p>Note: Use of Zebra 6W USB power supply (PWR-WUA5V6W0WW) is not supported. Use above 12W power supply instead.</p> <p>For charging in-vehicle: USB Cigarette Lighter Adapter (CHG-AUTO-USB1-01)</p>

CBL-TC2Y-USBC90A-01		USB-C cable with right angle connector for Charging/Communication	<ul style="list-style-type: none"> ▶ USB-A to USB-C cable ▶ USB-A connector end has a 90° bend allowing cable to be used in tighter locations. ▶ Attaches to USB-C port on the bottom of the device. ▶ Can be used to charge the device via USB connections (PC, USB AC Wall Outlet adapter, USB Cigarette Lighter adapter) ▶ Cable length is about 1.1M (45"). ▶ Will charge battery in device from 0 to 80% in less than 2 hours or 0 to 100% in less than 3.5 hours when using the wall-adapter 5V power supply or Cigarette Adapter. 	<p>For charging via AC Wall Outlet: USB Power Adapter (PWR-WUA5V12W0US - or country specific version)</p> <p>Note: Use of Zebra 6W USB power supply (PWR-WUA5V6W0WWW) is not supported. Use above 12W power supply instead.</p> <p>For charging in-vehicle: USB Cigarette Lighter Adapter (CHG-AUTO-USB1-01)</p>
3rd party *		USB-C cable for Charging/Communication	<ul style="list-style-type: none"> ▶ USB-A to USB-C cable ▶ Attaches to USB-C port on the bottom of the device. ▶ Can be used to charge the device via USB connections (PC, USB AC Wall Outlet adapter, USB Cigarette Lighter adapter) ▶ Will charge battery in device from 0 to 80% in less than 2 hours or 0 to 100% in less than 3.5 hours when using the wall-adapter 5V power supply or Cigarette Adapter. 	<p>For charging via AC Wall Outlet: USB Power Adapter (PWR-WUA5V12W0US - or country specific version)</p> <p>Note: Use of Zebra 6W USB power supply (PWR-WUA5V6W0WWW) is not supported. Use above 12W power supply instead.</p> <p>For charging in-vehicle: USB Cigarette Lighter Adapter (CHG-AUTO-USB1-01)</p>
CBL-TN28USBC2C-01		USB-C cable for Charging/Communication	<ul style="list-style-type: none"> ▶ USB-C to USB-C cable ▶ Attaches to USB-C port on the bottom of the device. ▶ Typically used to charge device with China-only AC Wall Outlet USB-C Power Adapter (PWR-WUA5V15W0CN-02) ▶ Cable length is 1.2 M (~4 ft.) ▶ Will charge battery in device from 0 to 80% in less than 2 hours or 0 to 100% in less than 3.5 hours when using the Zebra Power Adapter (PWR-WUA5V15W0CN-02). 	<p>For charging via AC Wall Outlet: USB-C Power Adapter (PWR-WUA5V15W0CN-02) - China only</p>

Communication Cables

Part Number	Picture	Description	Notes	Required Items
CBL-TC5X-USBC2A-01		USB-C cable for Charging/Communication	<ul style="list-style-type: none"> ▶ USB-A to USB-C cable ▶ Attaches to USB-C port on the bottom of the device. ▶ Can be used to charge the device via USB connections (PC, USB AC Wall Outlet adapter, USB Cigarette Lighter adapter) ▶ Cable length is 1M (~3.3 ft.) ▶ Will charge battery in device from 0 to 80% in less than 2 hours or 0 to 100% in less than 3.5 hours when using the wall-adapter 5V power supply or Cigarette Adapter. 	<p>For charging via AC Wall Outlet: USB Power Adapter (PWR-WUA5V12W0US - or country specific version)</p> <p>Note: Use of Zebra 6W USB power supply (PWR-WUA5V6W0WWW) is not supported. Use above 12W power supply instead.</p> <p>For charging in-vehicle: USB Cigarette Lighter Adapter (CHG-AUTO-USB1-01)</p>

3rd party *		USB-C cable for Charging/Communication	<ul style="list-style-type: none"> ▶ USB-A to USB-C cable ▶ Attaches to USB-C port on the bottom of the device. ▶ Can be used to charge the device via USB connections (PC, USB AC Wall Outlet adapter, USB Cigarette Lighter adapter) ▶ Will charge battery in device from 0 to 80% in less than 2 hours or 0 to 100% in less than 3.5 hours when using the wall-adapter 5V power supply or Cigarette Adapter. 	<p>For charging via AC Wall Outlet: USB Power Adapter (PWR-WUA5V12W0US - or country specific version)</p> <p>Note: Use of Zebra 6W USB power supply (PWR-WUA5V6W0WW) is not supported. Use above 12W power supply instead.</p> <p>For charging in-vehicle: USB Cigarette Lighter Adapter (CHG-AUTO-USB1-01)</p>
CBL-TN28USBC2C-01		USB-C cable for Charging/Communication	<ul style="list-style-type: none"> ▶ USB-C to USB-C cable ▶ Attaches to USB-C port on the bottom of the device. ▶ Typically used to charge device with China-only AC Wall Outlet USB-C Power Adapter (PWR-WUA5V15W0CN-02) ▶ Cable length is 1.2 M (~4 ft.) 	<p>For charging via AC Wall Outlet: USB-C Power Adapter (PWR-WUA5V15W0CN-02) - China only</p>

Soft Goods - Cases/Holsters

Part Number	Picture	Description	Notes	Required Items
SG-TC1XTN28-HSTR-01	 	Hand Strap	<ul style="list-style-type: none"> ▶ Strap attaches to back of device. ▶ Elastic material provides maximum comfort and wear resistance. ▶ Adjustable Velcro design accommodates various hand sizes. ▶ Clip on strap attaches to bottom of device. ▶ Also compatible with Rugged Boot. 	

SG-TC1XTN28-EXO1-01		<p>Rugged Boot/Exoskeleton</p> 	<ul style="list-style-type: none"> ▶ Boot increases drop spec of device from 1.2 m (4 ft.) to 1.5 m (5 ft.) ▶ Made from hard and soft plastics 	
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Misc

Part Number	Picture	Description	Notes	Required Items
SG-STYLUS-TCX-MTL-03 (pack of 3)		Fiber Tipped Stylus	<ul style="list-style-type: none"> ▶ Black Passive Stylus with Zebra logo ▶ 5" length ▶ Heavy duty - made from stainless steel and brass. No plastic parts - real pen feel. ▶ Can be used in rain. ▶ Micro-Knit Hybrid Mesh Fiber Tip provides silent, smooth gliding use. ▶ Big improvement over rubber tipped or plastic tipped stylus. ▶ Compatible with all capacitive touch screen devices. ▶ Can be tethered to device using KT-TC7X-TETHR1-03 or SG-ET5X-SLTETR-01. 	
Other Stylus		Rubber or Plastic Stylus	<ul style="list-style-type: none"> ▶ Not Available - Touch panel Stylus Mode is NOT supported on the TC15/TN28 series. ▶ Only Finger and light duty Glove mode is supported. Supported gloves: <ul style="list-style-type: none"> - Latex and Nitrile Gloves up to 5mils thick Example: <ul style="list-style-type: none"> • <i>Ambi-dex® Food Grade Disposable Nitrile Glove, Powder Free with Textured Grip - 4 Mil 63-532PE</i> - Knit Nylon Glove with Nitrile coating Example: <ul style="list-style-type: none"> • <i>MaxiFlex® Elite™ Ultra Light Weight Seamless Knit Nylon Glove with Nitrile Coated MicroFoam Grip on Palm & Fingers 34-274</i> - Knit Nylon Glove with Polyurethane coating Example: <ul style="list-style-type: none"> • <i>G-Tek® NPG Seamless Knit Nylon Glove with Polyurethane Coated Smooth Grip on Palm & Fingers 33-G125</i> 	

Headset/Audio Accessories

Wired Headsets and Audio Accessories

Part Number	Picture	Description	Notes	Required Items
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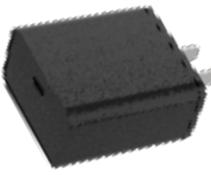
HDST-USBC-PTT1-01		PTT Headset (USB-C connector) 	<ul style="list-style-type: none"> ▶ For Push-To-Talk (PTT) applications. ▶ Compatible with Zebra PTT Express and PTT Pro. ▶ Connects to USB-C port on TC15/TN28.. ▶ Rotating earpiece allows for right or left ear configuration. ▶ Provides PTT button, volume up/volume down buttons. ▶ Cable length is 32 in. (81 cm) ▶ mono with microphone ▶ includes clip for attaching PTT button to clothing. 	
3rd party *		USB-C Headsets	<ul style="list-style-type: none"> ▶ Headset connects via the bottom USB-C connector on device. ▶ Must be Google certified USB-C headset. 	
Bluetooth Headsets and Audio Accessories				
NOTE: Bluetooth headsets with PTT function not supported by Zebra PTT Express application. Check with Engineering to verify compatibility with Zebra PTT Pro application.				
Part Number	Picture	Description	Notes	Required Items
See HS2100-HS3100 Accessories Document		HS3100 Rugged Bluetooth Headset for VDP applications	<ul style="list-style-type: none"> ▶ HD Voice, also known as Wide Band Audio, brings incredible audio clarity ▶ Built to handle the everyday inevitable drops ▶ Dustproof, sprayproof and waterproof ▶ Ready for the freezer and outdoor subzero temperatures ▶ Feather-light for extraordinary comfort ▶ Noise cancellation tuned for VDP (voice directed picking) applications. ▶ Not designed for the aggressive noise cancellation required for VoIP or voice calls. Headset's send level is not tuned to satisfy VoIP or voice standards and will result with audio being quieter at the far end and delivering more noise. ▶ Swap batteries on the fly — without losing the Bluetooth connection ▶ Split-second tap-to-pair simplicity using NFC. ▶ Detachable swivel boom minimizes costs. ▶ Swivelling boom mutes microphone allowing uses to prevent voice pick applications from recognizing non-voice pick conversations. ▶ User-replaceable pads and windscreens maximize comfort and hygiene ▶ 15 hours of battery power 	See HS2100/HS3100 Accessories Document for headset accessories
various Bluetooth models B550-XT B350-XT C400-XT C300-XT (3rd party) * http://www.blueparrott.com		BlueParrott Bluetooth Headsets	<ul style="list-style-type: none"> ▶ Various Bluetooth models available with options that include: <ul style="list-style-type: none"> - Blocking out 96% of background noise - Over 24 hours of talk time - NFC Tap to Pair capable - Bluetooth wireless range capable up to 300 ft. - Convertible wearing options: over the head, behind the neck. See BlueParrot site for model specific options.	

<p>APTT1 (3rd party) *</p> <p>https://www.aina-wireless.com/</p>		<p>Aina Push-To-Talk (PTT) Bluetooth Voice Responder Remote Speaker/Mic (RSM)</p>	<ul style="list-style-type: none"> ▶ Bluetooth speaker-microphone designed to work with different walkie talkie style Push-to-Talk applications, including Zebra PTT Pro (check with Zebra PTT Pro engineering team for current device/OS support). ▶ Includes clip for attaching device to clothing for lapel speaker/mic usage. ▶ Features several buttons which the application developers can assign to different functions. ▶ Users can remotely control functions such as push-to-talk, phone calls, channel switching and emergency alerts. ▶ Device is ruggedized, MIL-STD 810G and IP67. ▶ Long lasting battery designed for 24 hour approx battery life. Can be recharged via micro-USB port. ▶ Includes 3.5mm headset jack allowing headphones to be connected for keeping conversations more private. ▶ Can be easily paired to mobile computer using NFC tap-to-pair. 	
<p>H3-B-1 (3rd party) *</p> <p>https://www.dellking.com</p>		<p>Wandfu H3 Push-To-Talk (PTT) Bluetooth Remote Speaker/Mic (RSM)</p>	<ul style="list-style-type: none"> ▶ Bluetooth speaker-microphone designed to work with different walkie talkie style Push-to-Talk applications, including Zebra PTT Pro (check with Zebra PTT Pro engineering team for current device/OS support). ▶ Includes clip for attaching device to clothing for lapel speaker/mic usage. ▶ Includes 3.5mm headset jack allowing headphones to be connected for keeping conversations more private. 	
<p>BTR-155 (3rd party) *</p> <p>https://www.savoxaccessories.com</p>		<p>Savox BTR-155 Bluetooth Remote Speaker/Mic (RSM)</p>	<ul style="list-style-type: none"> ▶ Bluetooth speaker-microphone designed to work with different walkie talkie style Push-to-Talk applications, including Zebra PTT Pro (check with Zebra PTT Pro engineering team for current device/OS support). ▶ Includes clip for attaching device to clothing for lapel speaker/mic usage. ▶ Rugged wireless speaker microphone IP55. ▶ Allows cable-free movement ▶ Familiar speaker microphone functions; PTT and volume buttons ▶ Includes 2.5mm headset jack allowing headphones to be connected for keeping conversations more private. ▶ LED status indication ▶ High speaker volume ▶ Includes: <ul style="list-style-type: none"> - Savox RSM - Modular Wired earpiece - Wall Charger - USB Cable - Quick Start Guide - Carrying Strap 	

<p>BTH-101 (3rd party) *</p> <p>https://www.savoxaccessories.com</p>		<p>Savox Push-To-Talk (PTT) Bluetooth Headset</p>	<ul style="list-style-type: none"> ▶ Bluetooth headset designed to work with different walkie talkie style Push-to-Talk applications, including Zebra PTT Pro (check with Zebra PTT Pro engineering team for current device/OS support). ▶ Also operates as standard Bluetooth headset for taking phone calls. ▶ Device is lightweight and ruggedized, IP55. 	
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Power Cords/Power Supplies

Part Number	Picture	Description	Notes	Required Items
CBL-DC-388A1-01		DC Power Cord	<ul style="list-style-type: none"> ▶ Used along with Power Supply PWR-BGA12V50W0WW to power Single Slot Cradle. ▶ Cable length is 1.8 meters 	
PWR-BGA12V50W0WW		Power Supply	<ul style="list-style-type: none"> ▶ Used to power Single Slot Cradle. ▶ 100-240 VAC, 12V, 4.16A, 50W ▶ Provides US DOE Level VI compliance for power efficiency. ▶ Replaces PWRS-14000-148R 	<ul style="list-style-type: none"> ▶ DC Line Cord (CBL-DC-388A1-01) ▶ AC Line Cord (23844-00-00R or country specific version)
23844-00-00R		AC Line Cord	<ul style="list-style-type: none"> ▶ Used to power with Power Supplies ▶ This AC Line Cord is for use in North America. See the AC Line Cords by Country TAG for comparable line cords to use in other countries. 	
<p>PWR-WUA5V12W0US (US plug style)</p> <p>PWR-WUA5V12W0GB (UK plug style)</p> <p>PWR-WUA5V12W0EU (EU plug style)</p> <p>PWR-WUA5V12W0AU (Australia plug style)</p> <p>PWR-WUA5V12W0CN (China plug style)</p> <p>PWR-WUA5V12W0IN (India plug style)</p> <p>PWR-WUA5V12W0KR (Korea plug style)</p> <p>PWR-WUA5V12W0BR (Brazil plug style)</p> <p>PWR-WUA5V12W0LA (Argentina/Chile/Mexico plug styles)</p>		USB-A Power Supply	<ul style="list-style-type: none"> ▶ Used with USB-C Cable to provide a lower cost charging solution than using a Cradle. ▶ Provides higher current (2.5A) for faster charging ▶ 100-240 VAC, 5 V, 2.5 A 	<ul style="list-style-type: none"> ▶ USB-A to USB-C Cable (CBL-TC5X-USBC2A-01)

PWR-WUA5V15W0CN-02		USB-C Power Supply	<ul style="list-style-type: none"> ▶ Used with USB-C Cable to provide a lower cost charging solution than using a Cradle. ▶ For use in China only ▶ Provides higher current (3A) for faster charging ▶ 100-240 VAC, 5 V, 3.0 A 	▶ USB-C to USB-C Cable (CBL-TN28USBC2C-01)
CHG-AUTO-USB1-01 CHG-AUTO-USB1-BR (for Brazil)		USB Cigarette Lighter Adapter	<ul style="list-style-type: none"> ▶ Used with USB-C Cable to provide in-vehicle charging. ▶ Includes two USB A ports providing higher current (2.5A) for faster charging 	▶ USB-A to USB-C Cable (CBL-TC5X-USBC2A-01)

Batteries

Part Number	Picture	Description	Notes	Required Items
BTRY-TC1X-1XMA1-01 BTRY-TC1X-1XMA1-BR (for use in Brazil) BTRY-TC1X-1XMA1-IA (for use in India) BTRY-TN28-1XMA1-01 (for use in China)		Spare Battery (5000 mAh)		