



TC55 Technical Accessory Guide








NOTE: TC55
discontinued 9/2017
- see PMB 2970








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





Cradles/Charging


Part Number	Picture	Description	Notes	Required Items
3PTY-PCLIP-246521 (Zebra orderable SKU with CPR)		Single Slot Charge-Only Cradle Kit 	<ul style="list-style-type: none"> Connects to charging contacts on bottom of TC55. Works with devices with or without rubber boot. Works with devices with 1x or 1.5x battery. Does NOT provide spare battery charging. Includes Power Supply (PWR-BGA12V50W0WW) and DC Line Cord (CBL-DC-388A1-01) NOTE: This is a custom product. Not open for sale in Solution Builder. Submit a CPR at http://cpr.zebra.com (Zebra internal site). Details on PMB 2659 	AC Line Cord (23844-00-00R)
215672 (3rd party) http://www.proclipusa.com		Brodit/ProClip Single Slot Charge-Only Cradle See Zebra's ProClip accessory overview video at: https://www.zebra.com/zebraconnect/technology/740/2112842/ProClip	<ul style="list-style-type: none"> Connects to charging contacts on bottom of TC55. Works with devices with or without rubber boot. Works with devices with 1x or 1.5x battery. Does NOT provide spare battery charging. Includes worldwide power supply 	
PSDTC55-01 (3rd party) http://www.portsmith.com		Portsmith Single Slot Charge-Only Cradle Kit	<ul style="list-style-type: none"> Durable cradle design for enterprise use Charges TC55 from bottom Pogo pin 5VDC, 2A power to slot Kit contains: <ul style="list-style-type: none"> Portsmith Single slot cradle Power supply for international use. 	












SAC-TC55-2BTYC1		2-Slot Battery Charger	<ul style="list-style-type: none"> Will charge both TC55 1X & 1.5X batteries. Two 1X (2,940 mAh) batteries charge in approximately 8 hours and two 1.5X (4,410 mAh) batteries charge in approximately 11 hours. Charge time cut in half when charging only one battery Two LED lights indicate charge status of each battery. Battery door/cover must be installed before charger will charge the battery. Includes two battery doors/covers Charger is powered with Rugged Charging Cable (CBL-TC55-CHG1-01) or can be inserted into Universal Cradle (CRDUNIV-55-5000R) without shim installed. 	<p>For stand-alone charging: Rugged Charge Cable (CBL-TC55-CHG1-01) and USB Power Supply (PWR-WUA5V6W0WW / PWRS-124306-01R)</p> <p>For multi-unit charging of up to 5 Chargers for charging up to 10 batteries: Universal Cradle with 5 TC55 Cups (CRDUNIV-55-5000R) - shim for rubber boot must be removed.</p> 
CRDUNIV-55-5000R		Universal Cradle with 5 TC55 Cups	<ul style="list-style-type: none"> Includes Universal Cradle (CRDUNIV-XX-5000R) and five TC55 Charging Cups (CUPTC55XX-1000R) Includes cradle insert/shim that can be removed when charging a TC55 with the rubber boot attached or when using 2-Slot Battery Charger (SAC-TC55-2BTYC1). Devices without boot attached can be inserted into cradle slot without shim, but fit will be loose. 	<ul style="list-style-type: none"> Power Supply (PWR-BGA12V50W0WW and CBL-DC-388A1-01 OR PWRS-14000-148C) AC Line Cord (23844-00-00R)
CRDUNIV-XX-5000R		Universal Cradle	<ul style="list-style-type: none"> Provides more flexible charging options. Supports up to five of any combination of the following cradle cups: <ul style="list-style-type: none"> Charging Cup (CUPTC55XX-1000R) Blank Slot Cover (CUPUNICVR-5000R) 	<ul style="list-style-type: none"> Power Supply (PWR-BGA12V50W0WW and CBL-DC-388A1-01 OR PWRS-14000-148C) AC Line Cord (23844-00-00R) Up to five Charging Cups or Blank Slot Covers
CUPTC55XX-1000R		Charging Cup for Universal Cradle	<ul style="list-style-type: none"> Expected to be discontinued 12/2017 - PMB 2970 Includes cradle insert/shim that can be removed when charging a TC55 with the rubber boot attached or when using 2-Slot Battery Charger (SAC-TC55-2BTYC1). Devices without boot attached can be inserted into cradle slot without shim, but fit will be loose. 	Universal Cradle (CRDUNIV-XX-5000R)
CUPUNICVR-5000R		Blank Slot Covers for Universal Cradle	<ul style="list-style-type: none"> Used to plug slots in Universal Cradle if all 5 slots are not needed. Includes 5 Covers 	
KT-UNIVLBRKT-01R		Universal Cradle/4-Slot Battery Charger Mounting Bracket	<ul style="list-style-type: none"> Stand alone bracket for mounting one Universal Cradle (CRDUNIV-XX-5000R) Shelf under Bracket can house up to five Power Supplies (PWR-BGA12V50W0WW). Bracket can be mounted on standard 19" network rack or on a wall. Includes 4 screws for mounting on a network rack. 	






<p>Call (208)888-5813 for part numbers and pricing</p> <p>(3rd party)</p> <p>http://www.portsmith.com</p>		<p>Portsmith 5-Slot Ethernet Charging Cradle Kit</p>	<ul style="list-style-type: none"> ►Durable cradle design for enterprise use ►Charges TC55 from bottom Pogo pin ►5VDC, 2A power to each slot ►Bluetooth to Ethernet connectivity ►Up to 5 concurrent Bluetooth connections w/ unlimited pairing ►Bluetooth SIG certified ►Kit contains: <ul style="list-style-type: none"> - Portsmith 5 slot cradle - Portsmith Bluetooth adaptor (PSA5BT1E) - Power supply 	
<p>CRD-TC55-VCD1-01</p>		<p>Vehicle Charge Cradle</p>	<ul style="list-style-type: none"> ►Expected to be discontinued 12/2017 - PMB 2970 ►Connects to charging contacts on bottom of TC55. ►Works with devices with or without rubber boot. ►Works with devices with 1x or 1.5x battery. ►Suction cup for easy installation and removal. ►Audio connector on top of device is still accessible. ►Includes clip on back of cradle for cable retention ►Cradle uses micro-USB connector on back side for connection to cigarette lighter adapter. ►Does NOT provide spare battery charging. 	<p>Auto Charge Cable (VCA400-01R)</p>
<p>PSVTC55-01 (Cigarette Lighter Adapter plug)</p> <p>PSVTC55-02 (Hard-wired power connection)</p> <p>(3rd party)</p> <p>http://www.portsmith.com</p>		<p>PortSmith Charge-Only Vehicle Cradles</p>	<ul style="list-style-type: none"> ►Available in both hard-wired and cigarette light adapter cable configurations ►Durable cradle design for rugged enterprise use ►AMPS hole pattern for simple wall, pedestal or vehicle dashboard mounting ►Swivel mount ►Only provides device charging, no communication ports 	
<p>Brodit various (3rd party)</p> <p>http://www.proclipusa.com</p>		<p>Brodit/ProClip Vehicle Cradles</p> <p>See Zebra's ProClip accessory overview video at: https://www.broadcom.com/webcast/proclipaccessory/741c411c8b21c0e520a</p>	<ul style="list-style-type: none"> ►Available in both powered and un-powered versions (cigarette lighter adapter or straight through power cable) ►Versions available for devices with and without boot installed. ►Cradle tilts and swivels ►Compatible with all device battery sizes. 	
<p>CBL-TC55-CHG1-01</p>		<p>Spare Rugged Charging Cable</p>	<ul style="list-style-type: none"> ►Normally ships in box with each TC55 ►Connects to charge contacts on bottom of TC55. ►Works with TC55 units with and without boot. ►USB-A connector on power supply side. 	<p>USB Power Supply (PWR-WUA5V6W0WW / PWRS-124306-01R) or equivalent.</p>

Communication Cables				
Part Number	Picture	Description	Notes	Required Items
25-MCXUSB-01R		USB Charge/Sync Cable	<ul style="list-style-type: none"> Can be used to charge and communicate with TC55 from side micro-USB port. It is recommended to use dedicated Charge Cable for routine charging though. Micro USB B to USB A connector 	
25-128458-01R		Heavy Duty USB Charge/Sync cable	<ul style="list-style-type: none"> This is an alternative USB cable. 25-MCXUSB-01R is the recommended cable. Can be used to charge and communicate with TC55 from side micro-USB port. It is recommended to use dedicated Charge Cable for routine charging though. Micro USB B to USB A connector Heavy duty USB cable needed to charge at 1.2A 28 gauge wire for fast charge 	
3rd party		USB micro-A to USB A Female adapter	<ul style="list-style-type: none"> Allows the TC55 to act as a USB host to connect to devices like USB flash drives/memory sticks, mice, etc. Connects directly to TC55 	
(see http://www.cyberguys.com/product-details/?productid=33062)				
Misc				
Part Number	Picture	Description	Notes	Required Items
SG-TC55-HLSTR1-01		Holster, Leather Belt mount	<ul style="list-style-type: none"> Expected to be discontinued 12/2017 - PMB 2970 Includes belt clip for easy carrying and easy access. Includes clip on inside of holster for holding optional stylus on devices not using the optional Rubber Boot. Accommodates 1x and 1.5x batteries and also devices with or without rubber boot attached. 1x battery devices can be inserted into holster face in or out. 1.5x battery devices must be inserted face in. Audio jack is accessible while device is in holster. Holster provides speaker output holes so user can hear audio alerts from device while holstered. 	
SG-TC55-BOOT1-01		Protective Rubber Boot (Blue/Black color)	<ul style="list-style-type: none"> Expected to be discontinued 12/2017 - PMB 2970 Boot increases drop spec from 4 ft. MIL Std 810 to 5 ft. MIL Std 810. Also provides 4 ft. drop spec to concrete Accommodates 1x and 1.5x batteries Batteries can be swapped while boot is attached. Includes additional tie down location for the optional stylus tether. Devices with boot attached will also fit into Vehicle Cradle and 5-Slot Charger (shim in Charger's cup must be removed). 	

SG-TC55-BOOT2-01		Protective Rubber Boot (Grey/Black color)	<ul style="list-style-type: none"> Expected to be discontinued 12/2017 - PMB 2970 Boot increases drop spec from 4 ft. MIL Std 810 to 5 ft. MIL Std 810. Also provides 4 ft. drop spec to concrete Accommodates 1x and 1.5x batteries Batteries can be swapped while boot is attached. Includes additional tie down location for the optional stylus tether. Devices with boot attached will also fit into Vehicle Cradle and 5-Slot Charger (shim in Charger's cup must be removed). 	
Submit a Custom Products Request at http://cpr.zebra.com (Zebra internal site)		Additional Rubber Boot options	<ul style="list-style-type: none"> Custom boot color and logo options 	
SG-TC55-HSTRPH-01		Handstrap	<ul style="list-style-type: none"> Expected to be discontinued 12/2017 - PMB 2970 Attaches to Rubber Boot Device will NOT fit into Single Slot Charge-Only Cradle, 5-Slot Charge-Only Cradle, or Vehicle Cradle with handstrap attached 	Protective Rubber Boot (SG-TC55-BOOT1-01 or SG-TC55-BOOT2-01)
AD1977DW (3rd party) http://www.ultimacase.com		Wrist Mount Holster	<ul style="list-style-type: none"> Allows TC55 to be worn as a wearable device. Removable OP Case allows hand held use on the fly Breathable materials allow for cool comfort Wearable design allows you to capture data hands free. Adjustable straps give a secure fit. DirectTouch feature means no cover over screen. Great for use with gloves or stylus. 	
http://www.ultimacase.com	Agora Leather website	Additional Holsters for TC55		
KT-TC55-STYLUS1-01 KT-TC55-STYLUS1-03 (pack of 3)		Stylus Kit	<ul style="list-style-type: none"> Expected to be discontinued 12/2017 - PMB 2970 Includes fine-pitch, capacitive Stylus and Tether When not being used stylus can be stored in optional Rubber Boot or optional Holster 	

KT-TC55-SCRNP1-03 (pack of 3) KT-TC55-SCRNP1-100 (pack of 100)		Screen Protectors	<ul style="list-style-type: none"> Expected to be discontinued 12/2017 - PMB 2970 For use with applications with high touch screen usage, Zebra recommends the use of a screen protector to minimize wear and tear. Screen protectors enhance the usability and durability of touch screen displays. 	
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 4-Slot Battery charger and Universal Cradle. Cable length is 1.8 meters 	
PWR-BGA12V50W0WW		Power Supply	<ul style="list-style-type: none"> Used to power Single Slot Charge-Only Cradle (normally included in box with Cradle) and Universal Cradle. 100-240 VAC, 12V, 4.16A, 50W Provides US DOE Level VI compliance for power efficiency. Replaces PWRS-14000-148R and PWRS-14000-148C 	DC Line Cord (CBL-DC-388A1-01) and AC Line Cord (23844-00-00R)
KIT-PWR-12V50W		Power Supply Kit	<ul style="list-style-type: none"> Includes Power Supply (PWR-BGA12V50W0WW) and DC Line Cord (CBL-DC-388A1-01) 	AC Line Cord (23844-00-00R)
PWRS-14000-148C		Power Supply with integrated DC Cord	<ul style="list-style-type: none"> Has additional ferrite from KT-14000-148R to provide additional noise suppression. Used to power Universal Cradle 100-240 VAC, 12VDC, 3.33A Energy Star Compliant To be discontinued 2/2017, now use PWR-BGA12V50W0WW and CBL-DC-388A1-01. 	AC Line Cord (23844-00-00R)
PWRS-14000-148R		Spare Power Supply with integrated DC Cord	<ul style="list-style-type: none"> Discontinued 1/2017, now use PWR-BGA12V50W0WW and CBL-DC-388A1-01 - see PMB 2923 and PMB 2851 Used to power Single Slot Charge-Only Cradle (normally included in box with Cradle) 100-240 VAC, 12VDC, 3.33A Energy Star Compliant 	AC Line Cord (23844-00-00R)
23844-00-00R		AC Line Cord	Used to power Universal Cradles and Single Slot Charge-Only Cradle	

PWR-WUA5V6W0WW		USB Power Supply	<ul style="list-style-type: none"> Includes four international plugs for use in US, UK, EU, and AU. Additional plugs can be purchased separately for other countries. 5.2V, 1.2A, 6W output Provides US DOE Level VI compliance for power efficiency 	Micro USB Cable (25-MCXUSB-01R)
CN-000803-01		<u>Spare/Replacement</u> USB Power Supply AC Clip for Australia (AUS)	<ul style="list-style-type: none"> This AC Clip is normally included with PWR-WUA5V6W0WW 2 pin Australia plug 	USB Power Supply (PWR-WUA5V6W0WW)
CN-000803-02		USB Power Supply AC Clip for Argentina (ARG)		USB Power Supply (PWR-WUA5V6W0WW)
CN-000803-03		USB Power Supply AC Clip for Korea (KOR)		USB Power Supply (PWR-WUA5V6W0WW)
CN-000803-04		<u>Spare/Replacement</u> USB Power Supply AC Clip for US (US)	<ul style="list-style-type: none"> This AC Clip is normally included with PWR-WUA5V6W0WW 2 pin US plug 	USB Power Supply (PWR-WUA5V6W0WW)
CN-000803-05		<u>Spare/Replacement</u> USB Power Supply AC Clip for Europe (EU)	<ul style="list-style-type: none"> This AC Clip is normally included with PWR-WUA5V6W0WW 	USB Power Supply (PWR-WUA5V6W0WW)
CN-000803-06		<u>Spare/Replacement</u> USB Power Supply AC Clip for UK (UK)	<ul style="list-style-type: none"> This AC Clip is normally included with PWR-WUA5V6W0WW 	USB Power Supply (PWR-WUA5V6W0WW)
CN-000803-07		USB Power Supply AC Clip for China (CHN)	<ul style="list-style-type: none"> straight pins China plug 	USB Power Supply (PWR-WUA5V6W0WW)
CN-000803-08		USB Power Supply AC Clip for Brazil (BRA)	<ul style="list-style-type: none"> 2 pin Brazil plug 	USB Power Supply (PWR-WUA5V6W0WW)
CN-000803-09		USB Power Supply AC Clip for India (IND)		USB Power Supply (PWR-WUA5V6W0WW)
PWRS-124306-01R		USB Power Supply	<ul style="list-style-type: none"> Power Supply Includes four international plugs for US, UK, EU, and AU 5V, 1.2A output Discontinued 3/2017, now use PWR-WUA5V6W0WW 	Rugged Charging Cable (CBL-TC55-CHG1-01) which normally ships with each TC55 unit.

PSP4U (3rd party) http://www.portsmith.com		Spider Cable 4-Port USB Charger	<ul style="list-style-type: none"> ►Can connect directly to up to TC55 USB port ►USB Micro-B connectors ►Regulated Power - built in power conditioning, and regulation, the PSP4U will ensure that your USB devices are provided clean power. In the case where a device creates a fault, the PSP4U will prevent over current draw and will indicate a fault with a red LED. ►Fast Charging for All - provides 1.2A per leg, not distributed across all four. This means all your devices will charge faster, and will every time, regardless of how devices are plugged into the PSP4U. ►Consolidated Power - maximizes charging utility per wall outlet as well as valuable desktop space. ►Includes Power Supply and Line Cord 	
CAC400-1000UR		Consumer Class Auto Charge (Cigarette Lighter) Adapter Cable	<ul style="list-style-type: none"> ►Discontinued 10/2016 - PMB 2890 ►12V ►Connects to micro-USB port on TC55 or to port on bottom of Vehicle Cradle (CRD-TC55-VCD1-01) (recommended method) ►Designed for personal vehicle/casual use ►Slower charging than VCA400-01R 	
VCA400-02R		Commercial Class Auto Charge (Cigarette Lighter) Adapter Cable	<ul style="list-style-type: none"> ►Designed for commercial vehicle use ►12/24V heavy duty with rapid charge and replaceable fuse. ►Connects to micro-USB port on TC55 or to port on bottom of Vehicle Cradle (CRD-TC55-VCD1-01) (recommended method) ►Meets SAE spec's. 	
VCA400-01R		Commercial Class Auto Charge (Cigarette Lighter) Adapter Cable	<ul style="list-style-type: none"> ►Discontinued 11/2016, now use VCA400-02R - PMB 2829 ►Designed for commercial vehicle use ►12/24V heavy duty with rapid charge and replaceable fuse. ►Connects to micro-USB port on TC55 or to port on bottom of Vehicle Cradle (CRD-TC55-VCD1-01) (recommended method) ►Meets SAE spec's. 	
Batteries				
Part Number	Picture	Description	Notes	Required Items
BTRY-TC55-29MA1-01 BTRY-TC55-29BR1-01 (for Brazil) BTRY-TC55-29MA1-IN (for India)		TC55 Spare 1X Battery (2940 mAh)	<ul style="list-style-type: none"> ►Provides 16 hours talk time ►Provides 13 hours run time when using following profile: <ul style="list-style-type: none"> - AT&T cellular radio on - GPS radio on - Bluetooth radio off - WiFi radio on, not associated to AP (worse case) - 350 scans/hour - Send .5 MB data every 2 hours on AT&T 4G connection - Backlight on 50% brightness - Display on 75% of time, off 25% of time 	

<p>BTRY-TC55-44MA1-01</p> <p>BTRY-TC55-44BR1-01 (for Brazil)</p> <p>BTRY-TC55-44MA1-01 (for India)</p>		<p>TC55 Spare 1.5X Battery (4410 mAh)</p>	<ul style="list-style-type: none"> ►Provides 24 hours talk time ►Provides 18.5 hours run time when using following profile: <ul style="list-style-type: none"> - AT&T cellular radio on - GPS radio on - Bluetooth radio off - WiFi radio on, not associated to AP (worse case) - 350 scans/hour - Send .5 MB data every 2 hours on AT&T 4G connection - Backlight on 50% brightness - Display on 75% of time, off 25% of time 	
<p>KT-TC55-29BTYD1-01</p>		<p>Standard capacity (1X) battery door kit</p>	<p>►Expected to be discontinued 12/2017 - PMB 2970</p>	<p>1X Battery (BTRY-TC55-29MA1-01 or BTRY-TC55-29BR1-01)</p>
<p>KT-TC55-44BTYD1-01</p>		<p>High capacity (1.5X) battery door kit</p>	<p>►Expected to be discontinued 12/2017 - PMB 2970</p>	<p>1.5X Battery (BTRY-TC55-44MA1-01 or BTRY-TC55-44BR1-01)</p>