

	Assembly / Sub Assembly	LVL	CAD Name / Foundation SKU	REV	Description	QTY	Custom	Manufacturer	MFG P/N
1	FD-KL Asm Sub PCBA Main	1	FD-KL-ASM-SUB-PCBA-MAIN	A5.2	Populated main circuit board sub assembly	1	N/A	--	FD-KL-ASM-SUB-PCBA-MAIN
1	FD-KL Asm Sub PCBA Main	2	FD-KL-PCB-MAIN	A3	Unpopulated, bare, main circuit board	1	Y	--	FD-KL-PCB-MAIN
1	FD-KL Asm Sub PCBA Main	2	FD-KL-EE-BOM	A	All electronic components that get placed on the bare PCB	1	N	See PCBA BOM	See PCBA BOM
2	FD-KL Asm Sub Housing Mid	1	FD-KL-ASM-SUB-HOUSING-MID	B	Completed mid housing sub assembly	1	N/A	--	FD-KL-ASM-SUB-HOUSING-MID
2	FD-KL Asm Sub Housing Mid	2	FD-KL-FG-HOUSING-MID (FD-KL-MAGNET-DISC-0.125-0.625-REV-A x4) (FD-KL-ACTUATOR-BUTTON-POWER-REV-B x1) (FD-KL-LEAF-SPRING-0.15-REV-B x1)	A	Die casted zinc alloy that is sandblasted, polished, electroplated with copper, and then e-coated with protective clear coating 4x magnets , a thin sheet metal leaf spring, and a metal power button (same process as above) get installed into this mid housing component	1	Y	--	FD-KL-FG-HOUSING-MID
2	FD-KL Asm Sub Housing Mid	2	FD-KL-LENS-CAMERA	B	Optically clear PC plastic camera lens, printed black one side	1	Y	--	FD-KL-LENS-CAMERA
2	FD-KL Asm Sub Housing Mid	2	FD-KL-ASM-SUB-PCBA-MAIN	A	Populated main circuit board sub assembly	1	Y	--	FD-KL-ASM-SUB-PCBA-MAIN
2	FD-KL Asm Sub Housing Mid	2	FD-KL-SCREW-18-8-M1.6	A	M1.6-0.35 x 6 mm Machine Screw / Phillips / Flat Head / 18-8	4	N	Fastener Superstore	577418
2	FD-KL Asm Sub Housing Mid	2	FD-KL-KAPTON-TAPE	A	Kapton® Tape - 1 Mil, 1 ¼"	1	N	ULINE	S-17210
2	FD-KL Asm Sub Housing Mid	2	FD-KL-MEMBRANE	B	Clear polyester film membrane with adhesive	1	Y	--	FD-KL-MEMBRANE
2	FD-KL Asm Sub Housing Mid	2	FD-KL-FOAM-KEYPAD	D	Black compressible EPDM foam with adhesive	4	Y	--	FD-KL-FOAM-KEYPAD
2	FD-KL Asm Sub Housing Mid	2	FD-KL-DISPLAY-BACKER	A	Clear PETG plastic rails with adhesive	2	Y	--	FD-KL-DISPLAY-BACKER
2	FD-KL Asm Sub Housing Mid	2	FD-KL-ASM-FG-DISPLAY-LCD-IPS-2-INCH (FD-KL-SCREEN-LCD-IPS-2-INCH-REV-C x1) (FD-KL-GASKET-LCD-IPS-2-INCH-REV-A x1) (FD-KL-DISPLAY-LCD-IPS-2-INCH-REV-A x1)	C	LCD module with strong cover glass, perimeter gasket, LCD display with backlight, and FPC connector	1	Y	--	FD-KL-ASM-FG-DISPLAY-LCD-IPS-2-INCH
3	FD-KL Asm Sub Housing Front	1	FD-KL-ASM-SUB-HOUSING-FRONT	B	Completed front housing sub assembly	1	N/A	--	FD-KL-ASM-SUB-HOUSING-FRONT
3	FD-KL Asm Sub Housing Front	2	FD-KL-FG-HOUSING-FRONT (FD-KL-LENS-LIGHTPIPE x1)	B	Black PC/ABS plastic front housing with heat-staked lightpipe lens for LED light diffusion	1	Y	--	FD-KL-HOUSING-FRONT
3	FD-KL Asm Sub Housing Front	2	FD-KL-KEYPAD-UPPER (FD-KL-NAV-CENTER-REV-B x1) (FD-KL-NAV-RIGHT-REV-A x1) (FD-KL-NAV-LEFT-REV-A x1)	B	Die casted zinc alloy that is sandblasted, polished, electroplated in copper, and then e-coated with protective clear coating	1	Y	--	FD-KL-NAV-CENTER FD-KL-NAV-RIGHT FD-KL-NAV-LEFT
3	FD-KL Asm Sub Housing Front	2	FD-KL-KEYPAD-LOWER	B	Black ABS plastic keys overmolded with black TPE material, pad printed with white text, and UV coated with a protective clear coating	1	Y	--	FD-KL-KEYPAD-LOWER
4	FD-KL Asm Sub Rear Cover	1	FD-KL-ASM-SUB-COVER-REAR	D	Completed rear cover sub assembly	1	N/A	--	FD-KL-ASM-SUB-COVER-REAR
4	FD-KL Asm Sub Rear Cover	2	FD-KL-FG-COVER-REAR (FD-KL-COVER-REAR x1) (FD-KL-MAGNET-DISC-0.125-0.625 x4)	D	White PC/ABS plastic rear cover with heat transfer wordmark and 4x magnets installed	1	Y	--	FD-KL-FG-COVER-REAR
5	FD-KL ASM TOP LVL DEVICE	1	FD-KL-ASM-TOP-LVL-DEVICE	B	Sub-assembled top level device ready for packout/shipping	1	N/A	--	FD-KL-ASM-TOP-LVL-DEVICE
5	FD-KL Asm Sub Rear Cover	2	FD-KL-SCREW-THREADFORMING-0-.25	A	No. 0 - 1/4" Flat Head Torx Plus Threadforming Screw 18-8	2	N	DB Roberts	3BT-F9030-00
5	FD-KL ASM TOP LVL DEVICE	2	FD-KL-LABEL-COVER	A	Battery area regulatory/informational cover label	1	Y	--	FD-KL-LABEL-COVER
5	FD-KL ASM TOP LVL DEVICE	2	FD-KL-BATTERY-LITHIUM-RECHARGEABLE	A	Rechargeable and user-removeable lithium ion battery	1	Y	--	BL-5C
6	FD-KL Asm Sub Packout Box	1	FD-KL-ASM-SUB-PACKOUT	B	Completed packout sub assembly	1	N/A	--	FD-KL-ASM-SUB-PACKOUT
6	FD-KL Asm Sub Packout Box	2	FD-KL-FG-BOX-SETUP-BRANDED (FD-KL-PKG-BOX-LID x1) (FD-KL-PKG-INSERT-STYRENE-TOP x1) (FD-KL-PKG-INSERT-STYRENE-BOTTOM x1) (FD-KL-PKG-BOX-BOTTOM x1)	A	Branded setup box with base, lid, and two plastic trays that hold the accessories, paper collateral, and the final device	1	Y	--	FD-KL-BOX-SETUP-BRANDED
6	FD-KL Asm Sub Packout Box	2	FD-KL-CABLE-USBC	A	Black power-only USBC to USBC cable	1	Y	--	FD-KL-CABLE-USBC
6	FD-KL Asm Sub Packout Box	2	FD-KL-CASE-8-CARD-MICROSD	A	Industrial grade MicroSD card with clear plastic carrying case	1	N	Western Digital	SDSQAF3-008G-XI-J
6	FD-KL Asm Sub Packout Box	2	FD-KL-READER-USBC-MICROSD	A	Black MicroSD card reader/adaptor for USBC devices	1	Y	--	FD-KL-READER-USBC-MICROSD
6	FD-KL Asm Sub Packout Box	2	FD-KL-READER-LIGHTNING-MICROSD	A	Black MicroSD card reader/adaptor for Apple devices	1	Y	--	FD-KL-READER-LIGHTNING-MICROSD
6	FD-KL Asm Sub Packout Box	2	FD-KL-CARD-QS	A	Premium card stock quick start guide	1	Y	--	FD-KL-CARD-QS
6	FD-KL Asm Sub Packout Box	2	FD-KL-CARD-BACKUP	B	Premium card stock backup card (perforated)	1	Y	--	FD-KL-CARD-SECURITY
6	FD-KL Asm Sub Packout Box	2	FD-KL-STICKERS-LOGO	A	2x Foundation logo stickers on a release film	1	Y	--	FD-KL-STICKERS-LOGO
6	FD-KL Asm Sub Packout Box	2	FD-KL-SHRINK	A	Shrink wrap that seals branded packaging box	1	N	ULINE	S-16357
7	FD-KL ASM TOP LVL PRODUCT	1	FD-KL-PRODUCT-PP	A	Final QC'd device, in branded packaging with accessories and paper collateral, shrink wrapped, ready for shipping	1	N/A	--	FD-KL-PRODUCT-PP
7	FD-KL ASM TOP LVL PRODUCT	2	FD-KL-BOX-OVERPACK	A	White indestructo cardboard overpack box mailer	1	N	ULINE	S-430
7	FD-KL ASM TOP LVL PRODUCT	2	FD-KL-TAPE-TAMPER	A	Blue tamper evident tape used to seal overpack box	1	N	ULINE	S-16981BLU
7	FD-KL ASM TOP LVL PRODUCT	2	FD-KL-LABEL-AIR-LITHIUM	A	Regulatory lithium air label for shipping >2 devices at once	1	N	ULINE	S-23263