Xii-Boy V2 PCB BOM

LZ / RZ PCB				
Reference	Quantity	Description	Manufacter Product Number	Link
B1. B2		2 SWITCH TACTILE SPST-NO 0.05A 15V	TL3315NF250Q	https://www.digikey.com/en/products/detail/e-switch/TL3315NF250Q/1870396
51,52		E OWNOW MONEE OF THE COUNTY	120020111 2000	INVESTIGATION OF THE STREET AND ASSOCIATE AND ASSOCIATED ASSOCIATION OF THE STREET ASSOCIATION O
L/RPCB				
Reference	Quantity	Description	Manufacter Product Number	Link
B1. B2		2 Dual Tact Button	TMHE07	https://www.aliexpress.com/item/33003093225.html
P1		1 CONN FFC BOTTOM 7POS 0.5MM R/A		
PI		1 CONN FFC BOTTOM /POS 0.5MM R/A	5051100792	https://www.digikey.com/en/products/detail/molex/5051100792/5700455
0				
Controller PCB				
Reference		Description	Manufacter Product Number	Link
B1		1 SWITCH TACTILE SPST-NO 0.05A 15V	TL3315NF250Q	https://www.digikey.com/en/products/detail/e-switch/TL3315NF250Q/1870396
C1, C2, C3		3 CAP CER 0.1UF 16V X7R 0402	GRM155R71C104KA88J	https://www.digikey.com/en/products/detail/murata-electronics/GRM155R71C104KA88J/2610892
D1		1 DIODE ARR SCHOTT 20V TO236AB	PMEG2005CT,215	https://www.digikey.com/en/products/detail/nexperia-usa-inc/PMEG2005CT-215/2119859
P1		1 CONN FFC BOTTOM 10POS 0.5MM R/A	5051101092	https://www.digikey.com/en/products/detail/molex/5051101092/5700458
P2		1 CONN FFC BOTTOM 7POS 0.5MM R/A	5051100792	https://www.digikey.com/en/products/detail/molex/5051100792/5700455
P3, P4		2 CONN FFC BOTTOM 5POS 0.5MM R/A	5051100592	https://www.digikey.com/en/products/detail/molex/5051100592/5700453
R1, R2		2 RES 10K OHM 5% 1/16W 0402	RC0402JR-0710KL	https://www.digikey.com/en/products/detail/yageo/RC0402JR-0710KL/726418
R3		1 RES 100 OHM 1% 1/16W 0402	RC0402FR-07100RL	https://www.digikey.com/en/products/detail/yageo/RC0402FR-07100RL/726527
U1		1 IC MCU 8BIT 32KB FLASH 28QFN	PIC18F25K42T-I/ML	https://www.digikey.com/en/products/detail/microchip-technology/PIC18F25K42T-I-ML/6685387
U2		1 IC MOTOR DRIVER 2.5V-5.2V 10QFN	DRV2603RUNR	https://www.digikey.com/en/products/detail/texas-instruments/DRV2603RUNR/3487230
Main PCB				
Reference	Quantity	Description	Manufacter Product Number	Link
B1, B2, B3, B4		4 SWITCH TACTILE SPST-NO 0.05A 12V	TL3336AF160Q	https://www.digikev.com/en/products/detail/e-switch/TL3336AF1600/14123602
C1, C2, C3, C12, C15		5 CAP CER 1UF 6.3V X5R 0402	CL05A105MQ5NNNC	https://www.digikev.com/en/products/detail/samsung-electro-mechanics/CL05A105MO5NNNC/3886893
C4		1 CAP CER 10UF 6.3V X5R 0402	GRM155R60J106ME05D	https://www.digikev.com/en/products/detail/murata-electronics/GRM155R60J106ME05D/11500166
C5. C6. C7. C8. C9. C10. C11		7 CAP CER 2.2UF 6.3V X5R 0402	CL05A225MO5NNNC	https://www.digikev.com/en/products/detail/samsung-electro-mechanics/CL05A225M05NNNC/3887127
C13. C14		2 CAP CER 4.7UF 6.3V X5R 0402	GRM155R60J475ME87J	https://www.digikev.com/en/products/detail/murata-electronics/GRM155R60J475ME87J/9867919
LED1		1 LED RGB 0606 SMD	B38G3RGB-10D0003H2U1930	https://www.digikev.com/en/products/detail/harvatek-corporation/B38G3RGB-10D0003H2U1930/13588733
P1		1 CONN RCPT TYPE C 6P SMD RA	USB4125-GF-A	https://www.digikev.com/en/products/detail/act/USB4125-GF-A/13547388
P2		1 CONN FFC BOTTOM 10POS 0.5MM R/A	5051101092	https://www.digikev.com/en/products/detail/molex/5051101092/5700458
P3		1 MICRO SD PUSH/PUSH SMALL 8C	5033981892	https://www.digikev.com/en/products/detail/molex/5031101082/5/700438
P4		1 CONN FFC BOTTOM 17POS 0.5MM R/A	5051101792	https://www.digikey.com/en/products/detail/molex/5051101792/5700465
P5		1 CONN RCPT 16POS SMD GOLD	541020164	https://www.digikey.com/en/products/detail/molex/0541020164/3197036
P6		1 CONN RCPT 20POS SMD GOLD	529910208	https://www.digikey.com/en/products/detail/molex/0529910208/1059850
P7		1 CONN JACK STEREO 3.5MM SMD R/A	SJ-3524-SMT-TR	https://www.digikey.com/en/products/detail/cui-devices/SJ-3524-SMT-TR/281298
R1, R2, R4		3 RES 10K OHM 5% 1/16W 0402	RC0402JR-0710KL	https://www.digikey.com/en/products/detail/yageo/RC0402JR-0710KL/726418
R3		1 RES 24K OHM 1% 1/16W 0402	WR04X2402FTL	https://www.digikey.com/en/products/detail/walsin-technology-corporation/WR04X2402FTL/16569971
R5		1 RES 1K OHM 1% 1/16W 0402	WR04X1001FTL	https://www.digikey.com/en/products/detail/walsin-technology-corporation/WR04X1001FTL/13240628
U1		1 IC MCU 8BIT 7KB FLASH 16UQFN	PIC16LF15324-I/JQ	https://www.digikey.com/en/products/detail/microchip-technology/PIC16LF15324-I-JQ/6691288
U2		1 IC REG LINEAR 2.5V 250MA SOT23-5	LP5907MFX-2.5/NOPB	https://www.digikey.com/en/products/detail/texas-instruments/LP5907MFX-2-5-NOPB/5019039
U3		1 IC AMP CLASS D STER 2.5W 32WQFN	LM49450SQ/NOPB	https://www.digikey.com/en/products/detail/texas-instruments/LM49450SQ-NOPB/1871761
U4		1 CH224K USB PD Protocol Sink Chip IC	CH224K	https://www.aliexpress.com/item/1005005284290184.html
U4 U5		1 CH224K USB PD Protocol Sink Chip IC 1 GL823K GL823 SSOP-16	CH224K GL823K	https://www.aliexpress.com/item/1005005284290184.html https://www.aliexpress.com/item/1005007494983714.html
U5				
U5 RVL-PMS (Gman)	Quantity	1 GL823K GL823 SSOP-16	GL823K	https://www.aliexpress.com/item/1005007494983714.html
U5 RVL-PMS (Gman) Reference	Quantity	1 GL823K GL823 SSOP-16 Description	GL823K Manufacter Product Number	https://www.aliexpress.com/item/1005007494983714.html
U5 RVL-PMS (Gman) Reference U1 U2 U3 U4	Quantity	1 GL823K GL823 SSOP-16 Description 4 IC REG BUCK ADJUSTABLE 4A 16VQFN	GL823K Manufacter Product Number TLV62095RGTR	https://www.aliexpress.com/item/1005007494983774.html Link https://www.dlipkey.com/product-detail/enfexas-instruments/TLV52095RGTR/296-46277-1.ND/7033452
U5 RVL-PMS (Gman) Reference U1 U2 U3 U4 U5 U6	Quantity	1 GL823K GL823 SSOP-16 Description 4 IC REG BUCK ADJUSTABLE 4A 16VQFN 1 IC REG BOOST 5V 4A 10VSON 1 IC MCU BBIT 7KB FLASH 16UQFN	GL823K Manufacter Product Number TLV62095RGTR TPS61232DRCR	https://www.aliexpress.com/item/1005007494983714.html Link https://www.digikey.com/product-detail/en/fexas-instruments/TIV52095RGTR/296-46277-1-ND/7033452 https://www.digikey.com/product-detail/en/fexas-instruments/TIV52095RGTR/296-46277-1-ND/7033452 https://www.digikey.com/product-detail/en/fexas-instruments/TFS6123CDRCR/296-34498-1-ND/6110782
U5 RVL-PMS (Gman) Reference U1 U2 U3 U4 U5	Quantity	1 GL823K GL823 SSOP-16 Description 4 ICREG BUCK ADJUSTABLE 4A 16VQFN 1 ICREG BOOST 5V 4A 10VSON	GL823K Manufacter Product Number TLV62095RGTR TPS61232DRCR PIC16F13524T-I/JQ	https://www.aliexpress.com/item/1005007494983714.html Link https://www.dijkey.com/product-detail/en/rexas-instruments/TLV52095RGTR/296-46277-1-ND/7033452. https://www.dijkey.com/product-detail/en/rexas-instruments/TLV52095RGTR/296-46277-1-ND/7033452. https://www.dijkey.com/product-detail/en/rexas-instruments/TLV52095RGTR/296-34498-1-ND/6110782. https://www.dijkey.com/product-detail/en/rexas-instruments/TLV52095RGTR/296-34498-1-ND/6110782.
US RVL-PMS (Gman) Reference U1/12/U3/U4 U5 U6 U7	Quantity	Description I GL823K GL823 SSOP-16 Description I IC REG BUCK ADJUSTABLE 4A 16VQFN I IC REG BUCK ADJUSTABLE 4A 16VQFN I IC NEW BERT SELASH 18UQFN I IC NUCU BERT SELASH 18UQFN I IC NUCO CHARGER IZC ZAWQFN I RES SMOH ALS VOHM 198 1/10W 0603	GL823K Manufacter Product Number TLV62095RGTR TP561232DRCR PIC16F15324T-II/Q BQ25895MRTWR RC0603FH.0744KZL	https://www.aliexpress.com/item/1005007494983714.html Link https://www.aliexpress.com/product-detail/sn/lexas-instruments/TLV52095RQTR/296-46277-1-ND/7033452 https://www.dlipkey.com/product-detail/sn/lexas-instruments/TLV52095RQTR/296-46277-1-ND/7033452 https://www.dlipkey.com/product-detail/sn/lexas-instruments/TESE1222DEGR/296-44698-1-ND/510782 https://www.dlipkey.com/product-detail/sn/lexas-instruments/TESE122ATEXPGF/E1532
U5 RVL-PMS (Gman) Reference U1 1/2 U3 U4 U5 U6 U7 R1 R2 R4 R6 R8	Quantity	1 GL823K GL823 SSOP-16 Description 4 IC REG BUCK ADJUSTABLE 4A 16VQFN 1 IC REG BOOST 5V 4A 10VSON 1 IC MCU BBIT 7KB FLASH 16UQFN 1 IC MVDC CHARGER IZC 24WQFN	GL823K Manufacter Product Number TLV62095RGTR TP561232DRCR PIC16F15324T-I/JQ BQ2589SMRTWR	https://www.aliexpress.com/item/1005007494983714.html Link https://www.digikey.com/product-detail/nn/lexas-instruments/TLV62095RGTR/286-46277-LND/7033452 https://www.digikey.com/product-detail/nn/lexas-instruments/TLV62095RGTR/286-46277-LND/7033452 https://www.digikey.com/product-detail/nn/lexas-instruments/TES612320FCR/286-44488-LND/6110782 https://www.digikey.com/product-detail/nn/lexas-instruments/PES61230FCR/286-44488-LND/6110782 https://www.digikey.com/product-detail/nn/lexas-instruments/PES612386MRTWR/5413843 https://www.digikey.com/product-detail/nn/lexas-instruments/PES683FR-70448CR/311-462/RHGT-ND/739188 https://www.digikey.com/product-detail/nn/lexas-instruments/PES683FR-70448CR/311-1604/RHGT-ND/729920
U5 RVL-PMS (Gman) Reference U1 U2 U3 U4 U5 U6 U7 R1	Quantity	Description 4 IC REG BUCK ADJUSTABLE 4A 16VQFN 1 IC REG BUCK ADJUSTABLE 4A 16VQFN 1 IC REG BUCK ADJUSTABLE 4A 16VQFN 1 IC MUS BUT SER LASH 18UQFN 1 IC MVD BUT SER LASH 18UQFN 1 IC NVDC CHARGER 12C 24WQFN 1 RES SWD 1604 CHM 13 % 1/10W 0603	GL823K Manufacter Product Number TLV82095RGTR TPS61232DRCR PCL3F51323AT-I/IQ BQ25895MRTWR RC0603F8-0734K2L RC0603F8-07360KL	https://www.aliexpress.com/item/1005007494983714.html Link Link https://www.aliexpress.com/item/1005007494983714.html Link https://www.aliejkey.com/item/item/item/itexas-instruments/TLV62095RGTR/296-46277-1-ND/7033452 https://www.digikey.com/item/item/itexas-instruments/TP561232DRCR/296-44498-1-ND/6110782 https://www.digikey.com/item/item/iterachip-te-honlogs/PIC16F15324T-1-D/PIC16F15324T-1-D/CT-ND/7346310 https://www.digikey.com/item/item/item/item/item/item/item/ite
U5 RVL-PMS (Gman) Reference U1 U2 U3 U4 U5 U6 U7 R1 R2 R4 R6 R8 R3	Quantity	Description 4 IC REG BUCK ADJUSTABLE 4A 16VQFN 1 IC RVDC CHARGER ICZ CAWQFN 1 IC RVDC CHARGER ICZ CAWQFN 1 IC RVDC CHARGER ICZ CAWQFN 1 RES SMM 2C VMH 1% 1/10W 0603 1 RES SMM 2C VMH 1% 1/10W 0603 1 RES SMM 20K OHM 1% 1/10W 0603 1 RES SMM 20K OHM 1% 1/10W 0603	GL823K Manufacter Product Number TLV82095RGTR TPS61232DRCR PIC16F158234-1/JQ BQ25895MRTWR RC0603FR-074K2L RC0603FR-075KL RC0603FR-0775KL RC0603FR-0775KL	https://www.aliexpress.com/item/1005007494983774.html Link https://www.aliexpress.com/item/1005007494983774.html bttps://www.digikey.com/product-detail/enfexas-instruments/TLV52095RGTR/296_46277-1.ND/7033452 https://www.digikey.com/product-detail/enfexas-instruments/TES612320FGE/296_44688-1-ND/8110782 https://www.digikey.com/irproduct-detail/enfexas-instruments/TES612320FGE/296_44688-1-ND/8110782 https://www.digikey.com/irproduct-detail/enfexas-instruments/RD/25895HRIVMR5413843 https://www.digikey.com/irproduct-detail/enfexas-instruments/RD/25895HRIVMR54138433 https://www.digikey.com/irproduct-detail/en
U5 RVL-PMS (Gman) Reference U1 U2 U3 U4 U5 U6 U7 R1 R2 R4 R6 R8 R3 R5	Quantity	Description 4 IC REG BUCK ADJUSTABLE 4A 16VQFN 1 IC REG BUCK ADJUSTABLE 4A 16VQFN 1 IC REG BOOST 5V 4A 10VSON 1 IC MCU BBIT 7KB FLASH 16UQFN 1 IC NVDC CHARGER IZC 24WQFN 1 IC NVDC CHARGER IZC 24WQFN 1 RES SMD 44.2K OHM 1% 1/10W 0603 1 RES SMD 75K OHM 1% 1/10W 0603 1 RES SMD 75K OHM 1% 1/10W 0603 1 RES SMD 75K OHM 1% 1/10W 0603 1 RES SMD 15K OHM 1% 1/10W 0603	GL823K Manufacter Product Number TLV62095RGTR TPS61232DRCR PIC16F15324T-IJ/IQ BQ25899RHTWR RC0803FR-0744KZL RC0803FR-0746KL RC0803FR-0750KL RC0803FR-0750KL	https://www.aliexpress.com/item/1005007494983714.html Link https://www.diejkey.com/oroduct-detail/en/texas-instruments/TLV62095RGTR/296-46277-1.ND/7033452 https://www.diejkey.com/product-detail/en/texas-instruments/TLV62095RGTR/296-46277-1.ND/7033452 https://www.diejkey.com/product-detail/en/texas-instruments/TLS961230DECR/2969-44498-1-4D/E110782 https://www.diejkey.com/product-detail/en/texas-instruments/TLS961230DECR/2969-44498-1-4D/E1107823 https://www.diejkey.com/product-detail/en/texas/E00603FR-776KH/2311-45/EHECT-ND/730138 https://www.diejkey.com/product-detail/en/texas/E00603FR-775KH/2311-50KHRCT-ND/73035 https://www.diejkey.com/product-detail/en/texas/E00603FR-775KH/2311-75/ENKHCT-ND/73035 https://www.diejkey.com/product-detail/en/texas/E00603FR-775KH/2311-25/ENKHCT-ND/73033
U5 RVL-PMS (Gman) Reference U1 12 U3 U4 U5 U6 U7 R1 R2 R2 R6 R8 R3 R5 R7	Quantity	Description 4 IC REG BUCK ADJUSTABLE 4A 16VQFN 1 IC RVDC CHARGER ICZ CAWQFN 1 IC RVDC CHARGER ICZ CAWQFN 1 IC RVDC CHARGER ICZ CAWQFN 1 RES SMM 2C VMH 1% 1/10W 0603 1 RES SMM 2C VMH 1% 1/10W 0603 1 RES SMM 20K OHM 1% 1/10W 0603 1 RES SMM 20K OHM 1% 1/10W 0603	GL823K Manufacter Product Number TLV62095RGTR TP561232DRCR PIC16F15323T-I/JQ BQ25895MRTWR RC0603FR-073EL RC0603FR-073EL RC0603FR-073EL RC0603FR-075LNL RC0603FR-07510NL RC0603FR-07510NL	Link Link https://www.dijikey.com/product-detail/en/fexas-instruments/TLV62095RGTR/296_46277-1.ND/7033452 https://www.dijikey.com/product-detail/en/fexas-instruments/TLV62095RGTR/296_46277-1.ND/7033452 https://www.dijikey.com/product-detail/en/fexas-instruments/TLV62095RGTR/296_46287-1.ND/7033452 https://www.dijikey.com/product-detail/en/frierochipe/Profus-fexhology/Profus-fiss247-Li-/D(FE-Fiss247-Li-)QCT-ND/7346310 https://www.dijikey.com/product-detail/en/frierochipe/Profus-fiss247-Li-/D(FE-Fiss247-Li-)QCT-ND/7346310 https://www.dijikey.com/product-detail/en/figago-RC09603FR-07160RL/311-160RLHRCT-ND/730138 https://www.dijikey.com/product-detail/en/figago-RC09603FR-07160RL/311-160RLHRCT-ND/729920 https://www.dijikey.com/product-detail/en/figago-RC09603FR-07160RL/311-160RLHRCT-ND/729935 https://www.dijikey.com/product-detail/en/figago-RC09603FR-07360RL/311-160RLHRCT-ND/729935 https://www.dijikey.com/product-detail/en/figago-RC09603FR-07360RL/311-160RLHRCT-ND/729939 https://www.dijikey.com/product-detail/en/figago-RC09603FR-07360RL/311-510RHRCT-ND/739033 https://www.dijikey.com/product-detail/en/figago-RC09603FR-07360RL/311-510RHRCT-ND/739033 https://www.dijikey.com/product-detail/en/figago-RC09603FR-07360RL/311-510RHRCT-ND/739939
U5 RVL-PMS (Gman) Reference U1 U2 U3 U4 U5 U6 U7 R1 R2 R4 R6 R8 R3 R5 R7 R8 R8 R10 R11	Quantity	Description I GL823K GL823 SSOP-16 Description I GREG BUCK ADJUSTABLE 4A 16VQFN I GREG BUCK ADJUSTABLE ADJUSTABLE I RESS SMD 160K OHM 1% 1/10W 0603 I RES SMD 200K OHM 1% 1/10W 0603 I RES SMD 200K OHM 1% 1/10W 0603 I RES SMD 200K OHM 1% 1/10W 0603 RES 18CH 20K OHM 1% 1/10W 0603 RES 18CH 20K OHM 1% 1/10W 0603	GL823K Manufacter Product Number TLV62095RGTR TPS61232DRCR PIC16F15324T-IJ/IQ BQ25899RHTWR RC0803FR-0744KZL RC0803FR-0746KL RC0803FR-0750KL RC0803FR-0750KL	Link Link https://www.dijikkey.com/product-detail/en.flexas-instruments/TLV62095RCTR/286-46277-LND/7033452 https://www.dijikkey.com/product-detail/en.flexas-instruments/TLV62095RCTR/286-46277-LND/7033452 https://www.dijikkey.com/product-detail/en.flexas-instruments/TLV62095RCTR/286-44688-LND/6110782 https://www.dijikkey.com/product-detail/en.fmier-orbip-te-chology/Plc16E18324T-LD/0FL5165324T-LD/0FL5165324T-D/0FL51
U5 RVL-PMS (Gman) Reference U1 U2 U3 U4 U5 U6 U7 R1 R2 R4 R6 R8 R3 R5 R7 R9 R10 R11 R12 R13 R17 R18	Quantity	Description 4 IG REG BUCK ADJUSTABLE 4A 16VQFN 1 IG REG BUCK ADJUSTABLE 4A 16VQFN 1 IG REG BUCK ADJUSTABLE 4A 16VQFN 1 IG REG BOOST 5V 4A 10VSON 1 IC MUS BUT SKE FLASH 18UQFN 1 IC NVDC CHARGER 12C 24WQFN 1 IC NVDC CHARGER 12C 24WQFN 1 RES SMD 44.2K OHM 1% 1/10W 0603 1 RES SMD 5K OHM 1% 1/10W 0603 1 RES SMD 5K OHM 1% 1/10W 0603 1 RES SMD 5K OHM 1% 1/10W 0603 1 RES SMD 5LOK OHM 1% 1/10W 0603 4 RES SMD 15K OHM 1% 1/10W 0603	GL823K Manufacter Product Number TLV82095RGTR TPS61232DRCR PIC16F15832AT-I/IQ BQ25895MRTWR RC0603FR-0774KZL RC0603FR-0775KL RC0603FR-0775KL RC0603FR-0775LR RC0603FR-077510KL RC0603FR-077510KL	Link Link https://www.digikey.com/product-detail/en/nexas-instruments/TLVs209SRGTR/296-46277-1-ND/7033452 https://www.digikey.com/product-detail/en/nexas-instruments/TLVs209SRGTR/296-46277-1-ND/7033452 https://www.digikey.com/product-detail/en/nirecons/link-technology/Pic16158324T-LJO/Pic1615324T-
U5 RVL-PMS (Gman) Reference U1 U2 U3 U4 U5 U6 U7 R1 R2 R4 R6 R8 R3 R5 R7 R8 R1 R1 R12 R4 R6 R1 R	Quantity	Description I GL823K GL823 SSOP-16 Description I CREG BUCK ADJUSTABLE 4A 16VQFN I CREG BUCK ADJUSTABLE ADJUSTABLE I RES SMD 16K CPM 11% 1/10W 0603 I RES SMD 20K OHM 11% 1/10W 0603 I RES SMD 20K OHM 11% 1/10W 0603 I RES SMD 20K OHM 11% 1/10W 0603 I RES SMD 10K OHM 11% 1/10W 0603 I RES SMD 10K OHM 11% 1/10W 0603 I RES SMD 10K OHM 11% 1/10W 0603	GL823K Manufacter Product Number TLV62095RGTR TF561232DRCR PICI6F153234T-I/IQ BQ28595MRTVR RC06057R-0746K2L RC06057R-0746K2L RC06057R-07756L RC06057R-0750KL RC06057R-0750KL RC06057R-0750KL RC06057R-0750KL RC06057R-0750KL	Link Link https://www.dijikkey.com/product-detail/en.flexas-instruments/TLV62095RCTR/286-46277-LND/7033452 https://www.dijikkey.com/product-detail/en.flexas-instruments/TLV62095RCTR/286-46277-LND/7033452 https://www.dijikkey.com/product-detail/en.flexas-instruments/TLV62095RCTR/286-44688-LND/6110782 https://www.dijikkey.com/product-detail/en.fmier-orbip-te-chology/Plc16E18324T-LD/0FL5165324T-LD/0FL5165324T-D/0FL51
U5 RVL-PMS (Gman) Reference U1 U2 U3 U4 U5 U6 U7 R1 R2 R4 R6 R8 R3 R5 R7 R9 R10 R11 R12 R18 R17 R18 R14 R15 R16 R15 R17 R18	Quantity	Description I GL823K GL823 SSOP-16 Description I CREG BUCK ADJUSTABLE 4A 16VQFN I CREG BUCK ADJUSTABLE ADJUSTABLE I RES SMD 16K CPM 11% 1/10W 0603 I RES SMD 20K OHM 11% 1/10W 0603 I RES SMD 20K OHM 11% 1/10W 0603 I RES SMD 20K OHM 11% 1/10W 0603 I RES SMD 10K OHM 11% 1/10W 0603 I RES SMD 10K OHM 11% 1/10W 0603 I RES SMD 10K OHM 11% 1/10W 0603	GL823K Manufacter Product Number TLV62095RGTR TF561232DRCR PICI6F153234T-I/IQ BQ28595MRTVR RC06057R-0746K2L RC06057R-0746K2L RC06057R-07756L RC06057R-0750KL RC06057R-0750KL RC06057R-0750KL RC06057R-0750KL RC06057R-0750KL	Link Link https://www.digikey.com/product-detail/en/nexas-instruments/TLVs209SRGTR/296-46277-1-ND/7033452 https://www.digikey.com/product-detail/en/nexas-instruments/TLVs209SRGTR/296-46277-1-ND/7033452 https://www.digikey.com/product-detail/en/nirecons/link-technology/Pic16158324T-LJO/Pic1615324T-
U5 RVL-PMS (Gman) Reference U1 U2 U3 U4 U5 U6 U7 R1 R2 R4 R6 R8 R3 R5 R7 R8 R8 R1 R12 R13 R17 R18 R12 R12 R17 R18 R14 R15 R16 C1 C3 C5 C7 C9 C10 C11 C12 C13, C14, C15, C15, C15, C15, C15, C15, C15, C15	Quantity	Description 4 IC REG BUCK ADJUSTABLE 4A 16VQFN 1 IC REG BUCK ADJUSTABLE 4A 16VQFN 1 IC REG BUCK ADJUSTABLE 4A 16VQFN 1 IC REG BUCK ST VA A 10VSON 1 IC RVG BUCK ST VA A 10VSON 1 IC RVG CHARGER ICZ CAWQFN 1 IC RVG CHARGER ICZ CAWQFN 1 RES SWM 24 CWH M 1% 1/10W 0603 1 RES SWM 25 CWH M 1% 1/10W 0603 1 RES SWM 25 CWH M 1% 1/10W 0603 1 RES SWM 50 CWH M 1% 1/10W 0603 3 RES 12 KC WH M 1% 1/10W 0603 4 RES SWM 50 CWH 1% 1/10W 0603 4 RES SWM 50 CWH 1% 1/10W 0603 5 RES 12K CWH 50 1/10W 0603 5 RES SWM 50 CWH 1% 1/10W 0603	GL823K Manufacter Product Number TLV82095RGTR TF951232DRCR PIC16F15323741/JQ BQ285895MRTVR RC0603FR-0744K2L RC0603FR-0775KL RC0603FR-0775KL RC0603FR-07200KL RC0603FR-07510KL RC0603FR-07510KL RC0603FR-07510KL RC0603FR-074	Link Link https://www.digikey.com/product-detail/en/reas-instruments/TLV52095RGTR/296_46277-1.ND/7033452 https://www.digikey.com/product-detail/en/reas-instruments/TLV52095RGTR/296_46277-1.ND/7033452 https://www.digikey.com/product-detail/en/reas-instruments/TLV52095RGTR/296_46287-1.ND/7033452 https://www.digikey.com/product-detail/en/reas-instruments/TLV52095RGTR/296_44688-1-ND/510782 https://www.digikey.com/product-detail/en/reas-instruments/RDQ5889SHRTWRFS413843 https://www.digikey.com/product-detail/en/reas-instruments/RDQ589SHRTWRFS413843 https://www.digikey.com/product-detail/en/reage-RC0603FR-07160RJS11-168KHRCT-ND/730188 https://www.digikey.com/product-detail/en/reage-RC0603FR-07160RJS11-15.0KHRCT-ND/720920 https://www.digikey.com/product-detail/en/reage-RC0603FR-07160RJS11-15.0KHRCT-ND/730325 https://www.digikey.com/product-detail/en/reage-RC0603FR-07160RJS11-15.0KHRCT-ND/730931 https://www.digikey.com/product-detail/en/reage-RC0603FR-07160RJS11-10.DORNHCT-ND/730931 https://www.digikey.com/product-detail/en/reage-RC0603FR-07160RJS11-10.DORNHCT-ND/730012 https://www.digikey.com/product-detail/en/reage-RC0603FR-07160RJS11-10.DORNHCT-ND/730012 https://www.digikey.com/product-detail/en/reage-RC0603FR-07160RJS11-10.DORNHCT-ND/730012 https://www.digikey.com/product-detail/en/reage-RC0603FR-07160RJS11-10.DORNHCT-ND/730159 https://www.digikey.com/product-detail/en/reage-RC0603FR-07160RJS11-10.DORNHCT-ND/730159 https://www.digikey.com/product-detail/en/reage-RC0603FR-07160RJS11-10.DORNHCT-ND/730159
U5 RVL-PMS (Gman) Reference U1 U2 U3U4 U5 U6 U6 U7 R1 R2 R4 R6 R8 R3 R5 R7 R8 R10 R1 R12 R13 R17 R18 R14 R15 R16 R15 R16 R15 R16 R15 R16 R16 R16 R17 R17 R18 R17 R18 R14 R15 R16 R15 R16 R16 R17 R18 R16 R17 R17 R18 R17 R18 R17 R18 R17 R18 R17 R18	Quantity 1	Description 4 IC REG BUCK ADJUSTABLE 4A 16VQFN 1 IC REG BUCK ADJUSTABLE 4A 16VQFN 1 IC REG BUCK ADJUSTABLE 4A 16VQFN 1 IC REG BOOST SV 4A 10VSON 1 IC NEVO BERT SELASH 18UQFN 1 IC NVDC CHARGER IZC 24WQFN 1 IC NVDC CHARGER IZC 24WQFN 1 IC NVDC CHARGER IZC 24WQFN 1 IRS SWM 54 CMM 198 1/10W 6603 4 RES SWM 16W CMM 198 1/10W 6603 1 RES SWM 26W CMM 198 1/10W 6603 3 RES 12X CMM 198 1/10W 6603 3 RES 12X CMM 198 1/10W 6603 4 RES SWM 10X CMM 198 1/10W 6603 2 RES SWM 26X CMM 198 1/10W 6603 2 RES SWM 26X CMM 198 1/10W 6603 6 CAP CER 22UF 6.3V X5R 0805	GL823K Manufacter Product Number TLV62095RGTR TP5612220RGR PIC18F15324T-IJ/Q BQ28599MRTVR RC0603F8-0744K2L RC0603F8-0744K2L RC0603F8-0746KL RC0603F8-07510KL RC0603F8-07510KL RMCF0603F1750L RMCF0603F17	Link Link https://www.dijkey.com/product-detail/en/texas-instruments/TLV62095RGTR/296-46277-1-ND/7033452 https://www.dijkey.com/product-detail/en/texas-instruments/TLV62095RGTR/296-46277-1-ND/7033452 https://www.dijkey.com/product-detail/en/texas-instruments/TLV62095RGTR/296-46297-1-ND/7033452 https://www.dijkey.com/product-detail/en/texas-instruments/TLV62095RGTR/296-34698-1-ND/5110782 https://www.dijkey.com/product-detail/en/texas-instruments/TLV62095RGTR/296-34698-1-ND/5110782 https://www.dijkey.com/product-detail/en/texas-instruments/TLV62095RMRTWRFG133843 https://www.dijkey.com/product-detail/en/texas-instruments/TLV62095RRTWRFG133843 https://www.dijkey.com/product-detail/en/texas-instruments/TLV62095RRTWRFG133843 https://www.dijkey.com/product-detail/en/texas-fc06095R-97/5160K_J311-50KHRCT-ND/739035 https://www.dijkey.com/product-detail/en/texas-fc06095R-97/5160K_J311-50KHRCT-ND/739035 https://www.dijkey.com/product-detail/en/texas-fc06095R-97/5160K_J311-50KHRCT-ND/739035 https://www.dijkey.com/product-detail/en/texas-fc06095R-97/5160K_J311-50KHRCT-ND/739042 https://www.dijkey.com/product-detail/en/texas-fc06095R-97/5160K_J311-50KHRCT-ND/739042 https://www.dijkey.com/product-detail/en/texas-fc06095R-97/5160K_J311-50KHRCT-ND/739042 https://www.dijkey.com/product-detail/en/texas-fc06095R-97/5160K_J311-50KHRCT-ND/739042 https://www.dijkey.com/product-detail/en/texas-fc06095R-97/5160K_J311-50KHRCT-ND/739042 https://www.dijkey.com/product-detail/en/texas-fc06095R-97/580K_J311-50KHRCT-ND/739042 https://www.dijkey.com/product-detail/en/texas-fc06095R-97/580K_J311-50KHRCT-ND/739042 https://www.dijkey.com/product-detail/en/texas-fc06095R-97/580K_J31-50KHRCT-ND/739042 https://www.dijkey.com/product-detail/en/texas-fc06095R-97/580K_J31-50KHRCT-ND/739042 https://www.dijkey.com/product-detail/en/texas-fc06095R-97/580K_J31-50KHRCT-ND/739042 https://www.dijkey.com/product-detail/en/texas-fc06095R-97/580K_J31-50KHRCT-ND/739042 https://www.dijkey.com/product-detail/en/texas-fc06095R-97/580K_J31-50K
U5 RVL-PMS (Gman) Reference U1 U2 U3 U4 U5 U6 U7 R1 R2 R4 R6 R8 R3 R5 R7 R8 R8 R10 R11 R12 R18 R17 R18 R14 R15 R16 C1 C3 C5 C7 C9 C10 C11 C12 C13, C14, C15, C16, C17, C18, C19, C20 C14 C15 C16 C17 C18 C19 C20 C14 C15 C16 C17 C18 C19 C20 C2 C4 C6 C68	Quantity 1	Description I GL823K GL823 SSOP-16 Description I CREG BUCK ADJUSTABLE 4A 16VQFN I CREG BUCK ADJUSTABLE 4A 16VQFN I CREG BUCK ADJUSTABLE 4A 16VQFN I CRED ADJUSTABLE 4A 16VQFN I CRED ADJUSTABLE ADJUSTABLE I CRED CHARGER ICZ CAWQFN I RES SMD 26K CHM 1% 1/10W 0603 I RES SMD 20K OHM 1% 1/10W 0603	GL823K Manufacter Product Number TLV62095RGTR TPS61232DRCR PIC16F15323T-I/JQ BQ25899MRTWR RC0803FR-074K21 RC0803FR-074K21 RC0803FR-0750KL RC0803FR-0750KL RC0803FR-0750KL RC0803FR-0750KL RC0803FR-0750KL RC0803FR-0750KL RC0803FR-0750KL RC0803FR-0750KL RC0803FR-0750KL RC0803FR-074K7L CL21A226MQQNNNE 06035C103KATAA	Link https://www.aliexpress.com/item/1005007494983774.html Link https://www.digikey.com/product-detail/en/fexas-instruments/TLV52095RGTR/296_46277-1.ND/7033452 https://www.digikey.com/product-detail/en/fexas-instruments/TLV52095RGTR/296_46277-1.ND/7033452 https://www.digikey.com/product-detail/en/fexas-instruments/TLV52095RGTR/296_46287-1.ND/7033452 https://www.digikey.com/product-detail/en/fexas-instruments/RDC58939HRTWRF413843 https://www.digikey.com/product-detail/en/fexas-instruments/RDC58939HRTWRF413843 https://www.digikey.com/product-detail/en/fexas-instruments/RDC58939HRTWRF413843 https://www.digikey.com/product-detail/en/fexas-instruments/RDC58939HRTWRF413843 https://www.digikey.com/product-detail/en/fexas-instruments/RDC58939HRTWRF413843 https://www.digikey.com/product-detail/en/fexas-instruments/RDC58939HRTWRF413843 https://www.digikey.com/product-detail/en/fexas-instruments/RDC58939HRTWRF4131-100KHRCT-ND/729920 https://www.digikey.com/product-detail/en/fexas-instruments/RDC58939HRTWRFC4ND/739035 https://www.digikey.com/product-detail/en/fexas-instruments/RDC58939HRTWRFC4ND/739042 https://www.digikey.com/product-detail/en/fexas-instruments/RDC58939HRTWRFC4ND/739042 https://www.digikey.com/product-detail/en/fexas-instruments/RDC58939HRTWRFC4ND/739042 https://www.digikey.com/product-detail/en/fexas-instruments/RDC5893HRTWRFC4ND/739042 https://www.digikey.com/product-detail/en/fexas-instruments/RDC5893HRTWRFC4ND/739042 https://www.digikey.com/product-detail/en/fexas-instruments/RDC5893HRTWRFC4ND/739042 https://www.digikey.com/product-detail/en/fexas-instruments/RDC5893HRTWRFC4ND/739042 https://www.digikey.com/product-detail/en/fexas-instruments/RDC5893HRTWRFC4ND/739042 https://www.digikey.com/product-detail/en/fexas-instruments/RDC5893HRTWRFC4ND/739042 https://www.digikey.com/product-detail/en/fexas-instruments/RDC5893HRTWRFC4ND/739042 https://www.digikey.com/product-detail/en/fexas-instruments/RDC5893HRTWRFC4ND/739042 https://www.digikey.com/product-detail/en/fexas-instruments/R
U5 RVL-PMS (Gman) Reference U1 U2 U3 U4 U5 U6 U7 U7 R1 R1 R6 R8 R3 R5 R7 R8 R10 R11 R12 R13 R17 R18 R14 R14 R15 R16 C1 C3 C5 C7 C9 C19 C11 C12 C13, C14, C15, C16, C17, C18, C19, C20 C2 C4 C4 G6 C8 C21	Quantity 1	Description 4 IC REG BUCK ADJUSTABLE 4A 16VQFN 1 IC RVD 6B BT 78F LASH 16UQFN 1 IC RVD C CHARGER IZC 24WQFN 1 IC RVD C CHARGER IZC 24WQFN 1 IRS SYMD 42K CHM 198 1/10W 0603 4 RES SWD 160K CHM 198 1/10W 0603 1 RES SWD 20K CHM 198 1/10W 0603 3 RES 12K CHM 198 1/10W 0603 3 RES 12K CHM 198 1/10W 0603 4 RES SWD 20K CHM 198 1/10W 0603 2 RES SWD 20K CHM 198 1/10W 0603 2 RES SWD 26T CHM 198 1/10W 0603 6 CAP CER 22UF 6.3V XSR 0805 6 CAP CER 22UF 6.3V XSR 0805 6 CAP CER 120W 78F 0805	GL823K Manufacter Product Number TLV62095RGTR TF951232JBRGR PFIC18F153237HJ/Q BQ23899HRTWR RC0603F8-0746KZL RC0603F8-0746KZL RC0603F8-0746KZL RC0603F8-07510KL RC0603F8-07510KL RMCF0603F11200 RC0603F8-0730KL RC0603F8-0730KL RC0603F8-074KZL CL218225FQQNNNE RC0603F8-074KZL CL218225FQQNNNE RC0603F8-074KZL	LINK LINK https://www.digikey.com/product-detail/en/nexas-instruments/TLVs2096RGTR/296-46277-1-ND/7033452 https://www.digikey.com/product-detail/en/nexas-instruments/TLVs2096RGTR/296-46277-1-ND/7033452 https://www.digikey.com/product-detail/en/nexas-instruments/TLVs2096RGTR/296-46277-1-ND/7033452 https://www.digikey.com/product-detail/en/nexas-instruments/TLVs2096RGTR/296-46277-1-ND/7033452 https://www.digikey.com/product-detail/en/nexas-instruments/TLVs2096RGTR/296-1452841-1-ND/730138 https://www.digikey.com/product-detail/en/nexas-instruments/TLVs2096RTR/VRFA13843 https://www.digikey.com/product-detail/en/nexas-for60963FR-0748K7.11-160KHRCT-ND/730138 https://www.digikey.com/product-detail/en/nexas-for60963FR-0748K7.13-64KHRCT-ND/730335 https://www.digikey.com/product-detail/en/nexas-for60963FR-0748K7.13-64KHRCT-ND/730335 https://www.digikey.com/product-detail/en/nexas-for6093FR-07206K7.31-200KHRCT-ND/730335 https://www.digikey.com/product-detail/en/nexas-for6093FR-07206K7.31-200KHRCT-ND/730335 https://www.digikey.com/product-detail/en/nexas-for6093FR-07206K7.31-100KHRCT-ND/730335 https://www.digikey.com/product-detail/en/nexas-for6093FR-0726K7.31-100KHRCT-ND/730335 https://www.digikey.com/product-detail/en/nexas-for6093FR-0726K7.31-100KHRCT-ND/730335 https://www.digikey.com/product-detail/en/nexas-for6093FR-0726K7.31-10KHRCT-ND/730335 https://www.digikey.com/product-detail/en/nexas-for6093FR-0726K7.31-10KHRCT-ND/73035 https://www.digikey.com/product-detail/en/nexas-for6093FR-0726K7.31-1-470KHRCT-ND/730159 https://www.digikey.com/product-detail/en/nexas-for6093FR-0726K7.31-1-470KHRCT-ND/730159 https://www.digikey.com/product-detail/en/nexas-for6093FR-0726K7.31-1-470KHRCT-ND/730159 https://www.digikey.com/product-detail/en/nexas-for6093FR-0726K7.31-1-470KHRCT-ND/730159
U5 RVL-PMS (Gman) Reference U1 U2 U3 U4 U5 U6 U7 R1 R2 R4 R6 R8 R3 R5 R7 R81R8 R1 R1 R12 R13 R17 R18 R14 R15 R16 C1G G1G C1G C1G C1G C1G C1G C1G C1G C1G	Quantity 1	Description I GL823K GL823 SSOP-16 Description I CREG BUCK ADJUSTABLE 4A 16VQFN I CREG BUCK ADJUSTABLE 4A 16VQFN I CREG BUCK ADJUSTABLE 4A 16VQFN I CRED BUCK ADJUSTABLE 4A 16VQFN I CRED ADJUSTABLE ADJUSTABLE I CRED ADJUSTABLE I CRED ADJUSTABLE I RES SMD 16K CRED 110W 0603 I RES SMD 16K CRED 115W 110W 0603 I RES SMD 16K CRED 115W 110W 0603 I RES SMD 510K CRED 115W 110W 0603 I RES SMD 510K CRED 115W 110W 0603 I RES SMD 10K CRED 115W 110W 0603 I CAP CER 115W 115W 110W 0603 I CAP CER 115W 115W 110W 0603 I CAP CER 115W 115W 110W 0603	GL823K Manufacter Product Number TLV62095RGTR TFS612323DRCR PIC16F15323T-I/JQ BQ28595MRTVR RC0603FR-0746K2L RC0603FR-0746K2L RC0603FR-0750KL RC0603FR-0750KL RC0603FR-0750KL RC0603FR-0750KL RC0603FR-0750KL RC0603FR-0750KL	Link Link https://www.digikey.com/product-detail/en/reas-instruments/TLV52095RGTR/296-46277-1-ND/7033452 https://www.digikey.com/product-detail/en/reas-instruments/TLV52095RGTR/296-46277-1-ND/7033452 https://www.digikey.com/product-detail/en/reas-instruments/TLV52095RGTR/296-46277-1-ND/7033452 https://www.digikey.com/product-detail/en/reas-instruments/TLV52095RGTR/296-34598-1-ND/510782 https://www.digikey.com/product-detail/en/reas-instruments/TLV52095RGTR/296-34598-1-ND/510782 https://www.digikey.com/product-detail/en/reas-instruments/TLV52095RGTR/2961-3134-32-ND/510782092 https://www.digikey.com/product-detail/en/reas-instruments/TLV52095RGTR/2961-313-42.RNETC-ND/729920 https://www.digikey.com/product-detail/en/reas-instruments/TLV52095RGTR/2961-313-50RHCT-ND/729920 https://www.digikey.com/product-detail/en/reageo/RC0963FR-07200KL/311-20KHRCT-ND/729921 https://www.digikey.com/product-detail/en/reageo/RC0963FR-07200KL/311-50KHRCT-ND/739035 https://www.digikey.com/product-detail/en/reageo/RC0963FR-0720KL/311-50KHRCT-ND/739035 https://www.digikey.com/product-detail/en/reageo/RC0963FR-0720KL/311-50KHRCT-ND/739035 https://www.digikey.com/product-detail/en/reageo/RC0963FR-0720KL/311-50KHRCT-ND/739042 https://www.digikey.com/product-detail/en/reageo/RC0963FR-0740KL/311-30KHRCT-ND/739042 https://www.digikey.com/product-detail/en/reageo/RC0963FR-074KKI/311-30KHRCT-ND/739042 https://www.digikey.com/product-detail/en/reageo/RC0963FR-074KKI/311-30KHRCT-ND/739042 https://www.digikey.com/product-detail/en/reageo/RC0963FR-074KKI/311-4.7KHRCT-ND/739042 https://www.digikey.com/product-detail/en/reageo/RC0963FR-074KKI/311-4.7KHRCT-ND/739042 https://www.digikey.com/product-detail/en/reageo/RC0963FR-074KKI/311-4.7KHRCT-ND/739042 https://www.digikey.com/product-detail/en/reageo/RC0963FR-074KKI/311-4.7KHRCT-ND/739042 https://www.digikey.com/product-detail/en/reageo/RC0963FR-074KKI/311-4.7KHRCT-ND/739042 https://www.digikey.com/product-detail/en/reageo/RC0963FR-074KKI/311-4.7KHRCT-ND/739042 https://www.digik
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U5 RVL-PMS (Gman) Reference U1 U2 U3 U4 U5 U6 U7 R1 R2 R4 R6 R8 R3 R5 R7 R8 R10 R1 R12 R12 R17 R18 R14 R14 R15 R16 C1 C3 C5 C7 C9 C19 C11 C12 C13, C14, C15, C16, C17, C18, C19 C20 C2 C4 C66 C2 C24 C22 C24 C26 C27 C28 C25 L112 L3 L4 L5 L6 Screen Driver Board Reference Cystal (Y1) Inductor (L14) Other	Quantity 1	Description 4 IC REG BUCK ADJUSTABLE 4A 16VQFN 1 IC RVDG BOOST 5V AA 10VSON 1 IC RVDC CHARGER IZC 24WQFN 1 IC RVDC CHARGER IZC 24WQFN 1 IC RVDC CHARGER IZC 24WQFN 1 IRS SWM DEG CHM 196 1/10W 0603 4 RES SWM 160K OHM 196 1/10W 0603 1 RES SWM 260K OHM 196 1/10W 0603 1 RES SWM 260K OHM 196 1/10W 0603 3 RES 12K OHM 196 1/10W 0603 3 RES 12K OHM 196 1/10W 0603 2 RES SWM 261 OHM 196 1/10W 0603 2 RES SWM 261 OHM 196 1/10W 0603 6 CAP CER 22UF 6.3V X5R 0805 6 CAP CER 25V X7R 0805 1 CAP CER 10 IS 25V X7R 0805 1 CAP CER 01 IS 25V X7R 0805 1 CAP CER 01 IS 25V X7R 0805 5 IC AP CER 01 IS 25V X7R 0805 5 IC AP CER 01 IS 25V X7R 0805 5 IC AP CER 01 IS 16V X5R 0805 5 IC AP CER 10 IS 01 IS 01 X5R 0805 5 IC AP CER 10 IS 16V X5R 0805 5 IC AP CER 10 IS 16V X5R 0805 5 IC AP CER 10 IS 16V X5R 0805 5 IC AP CER 10 IS 16V X5R 0805 5 IC AP CER 10 IS 16V X5R 0805 6 IC AP CER	GL823K Manufacter Product Number T1.V62095RGTR T17951232JBRGR PIC16F15322JBRGR PIC16F15322JBRGR PIC16F153237HJ/Q BQ25899HRTWR RC0603F8-0746KZL RC0603F8-0746KZL RC0603F8-0746KZL RC0603F8-0746KZL RC0603F8-07510KL RC0603F8-07510KL RC0603F8-07510KL RC0603F8-07510KL RC0603F8-07510KL RC0603F8-07510KL RC0603F8-07510KL RC0603F8-074KZL CL21A225MQQNNNE 06035C103KATAA GCM21BF3TE106KASBL CL10A10KASBNNNC C0603C4738SACTU CL21A106KQQNNNC CL10A475KGSNNNC MDWK4040T1R0MM ASPI-0830H1-2R2M-T15 Manufacter Product Number LNCD1-27M 74404024220	Link Link https://www.digikey.com/product-detail/en/lexas-instruments/TLVs2095RGTR/296-46277-1-ND/7033452 https://www.digikey.com/product-detail/en/lexas-instruments/TLVs2095RGTR/296-46277-1-ND/7033452 https://www.digikey.com/product-detail/en/lexas-instruments/TLVs2095RGTR/296-46277-1-ND/7033452 https://www.digikey.com/product-detail/en/lexas-instruments/TLVs2095RGTR/296-46298-1-ND/510732 https://www.digikey.com/product-detail/en/lexas-instruments/TLVs2095RGTR/296-34498-1-ND/510732 https://www.digikey.com/product-detail/en/lexas-instruments/TLVs2095RMTR/NB/FA13843 https://www.digikey.com/product-detail/en/lexas-instruments/TLVs2095RMTR/NB/FA13843 https://www.digikey.com/product-detail/en/lexas-instruments/TLVs2095RMTR/NB/FA13843 https://www.digikey.com/product-detail/en/lexas-instruments/TLVs2095RMTR/NB/FA13843 https://www.digikey.com/product-detail/en/lexas-instruments/TLVs2095RHTR/TLVS703335 https://www.digikey.com/product-detail/en/lexas-instruments/TLVs2095RHTR/TLVS7039931 https://www.digikey.com/product-detail/en/lexas-instruments/TLVs2095RHTR/TLVS7039931 https://www.digikey.com/product-detail/en/lexas-instruments/TLVs2095RHTR/TLVS2095RHTR/TLVS303333 https:
U5 RVL-PMS (Gman) Reference U1 U2 U3 U4 U5 U6 U7 R1 R2 R4 R8 R8 R3 R5 R7 R9 R10 R11 R12 R13 R17 R18 R14 R15 R16 C1 C3 C5 C7 C9 C10 C11 C12 C13, C14, C15, C16, C17, C18, C19, C20 C2 C4 C5 C5 C2 C22 C23 C24 C25 C25 C25 C25 C26 C26 C27 C27 C27 C28 C27 C28 C28 C29 C29 C29 C29 C20	Quantity 1 Quantity	Description I GL823K GL823 SSOP-16 Description I CREG BUCK ADJUSTABLE 4A 16VQFN I CREG BUCK ADJUSTABLE 4A 16VQFN I CREG BUCK ADJUSTABLE 4A 16VQFN I CRED BUCK ADJUSTABLE 4A 16VQFN I RES SMD 16VC NHM 1% 1/10W 0603 I RES SMD 200K OHM 1% 1/10W 0603 I CAP CER 10UF 16W 1/10W 1/10W 0603 I CAP CER 10UF 16W 1/10W 1	GL823K Manufacter Product Number TLV82095RGTR TF8512323RGCR PIC16F153237H/JQ BQ28895MRTVM RC0603F8-0746K2L RC0603F8-0746K2L RC0603F8-0775KL RC0603F8-0775KL RC0603F8-0775KL RC0603F8-075INL RMCP6063F11220 RC0603F8-0710KL RC0603F8-0710KL RC0603F8-0710KL RC0603F8-0710KL RC0603F8-0710KL RC0603F8-0710KL RC0603F8-074K7L CL21A226MQQNNNE 06035C1038ATAA GCM21BF71E105KA96L CL10A104KANNNC CL0603G-73KSRACTU CL21A10KGQNNNO CL10A475KC0BNNNC MDWK4040T180M ASPI-0630H1-2R2M-T15 Manufacter Product Number LNCD1-27M 74404024220 Manufacter Product Number	Link Link https://www.digikey.com/product-detail/en/iexas-instruments/TLVs2095RGTR/296-465277-1-ND/7033452 https://www.digikey.com/product-detail/en/iexas-instruments/TLVs2095RGTR/296-465277-1-ND/7033452 https://www.digikey.com/product-detail/en/iexas-instruments/TLVs2095RGTR/296-465277-1-ND/7033452 https://www.digikey.com/product-detail/en/iexas-instruments/TLVs2095RGTR/296-465277-1-ND/7033452 https://www.digikey.com/product-detail/en/iexas-instruments/TLVs2095RGTR/296-346498-1-ND/10728-3110 https://www.digikey.com/product-detail/en/iexas-instruments/TLVs2095RGTR/296-346498-1-ND/730138-3110 https://www.digikey.com/product-detail/en/iexage/RC09603FR-07360KL7311-160KHRGT-ND/730318-3110-105-2/Now.digikey.com/product-detail/en/iexage/RC09603FR-07360KL7311-160KHRGT-ND/730305-3110-2/ND/1073035-3110-2/ND/1073035-3110-2/ND/1073035-3110-2/ND/1073035-3110-2/ND/1073035-3110-2/ND/1073035-3110-2/ND/1073035-3110-2/ND/1073035-3110-2/ND/1073035-3110-2/ND/1073035-3110-2/ND/1073035-3110-2/ND/1073035-3110-2/ND/1073035-3110-2/ND/1073035-3110-2/ND/1073035-3110-2/ND/1073035-3110-2/ND/1073035-3110-2/ND/1073035-3110-2/ND/1073035-3110-2/ND/10730032-3110-2/ND/1073035-3110-2/ND/10730032-3110-2/ND/1073003-3110-2/ND/1073003-3110-2/ND/1073003-3110-2/ND/1073003-3110-2/ND/1073003-3110-2/ND/1073003-3110-2/ND/1073003-3110-2/ND/1073003-3110-2/ND/1
U5 RVL-PMS (Gman) Reference U1 U2 U3 U4 U5 U6 U7 R1 R2 R4 R6 R8 R3 R8 R8 R7 R8 R8 R10 R81 R1 R12 R13 R17 R18 R14 R15 R16 C1 C3 C5 C7 C9 C10 C11 C12 C13, C14, C14, C15, C16, C17, C18, C19, C20 C21 C22 C23 C24 C26 C27 C28 C25 L1 U2 L3 U4 U5 Screen Driver Board Reference Cystal (Y1) Inductor (L14) Other Name Will Antenna	Quantity Quantity Quantity	Description 4 IC REG BUCK ADJUSTABLE 4A 16VQFN 1 IC RVDG BERT SEASH 16UQFN 1 IC RVDC CHARGER IZC 24WQFN 1 IC RVDC CHARGER IZC 24WQFN 1 IC RVDC CHARGER IZC 24WQFN 1 IRSS SMD 160K OHM 19s 1/10W 0603 4 RES SMD 160K OHM 19s 1/10W 0603 1 RES SMD 260K OHM 19s 1/10W 0603 1 RES SMD 260K OHM 19s 1/10W 0603 3 RES 12K OHM 19s 1/10W 0603 3 RES 12K OHM 19s 1/10W 0603 2 RES SMD 261 OHM 19s 1/10W 0603 2 RES SMD 261 OHM 19s 1/10W 0603 6 CAP CER 22UF 6.3V X5R 0805 6 CAP CER 25V X7R 0805 6 CAP CER 10UF 15V X5R 0605 1 CAP CER 10 IF 25V X7R 0605 1 CAP CER 10 IF 16V X5R 0605 5 FIXED IND 1UH 5.1A 27 MOHM SMD 1 FIXED IND 2.2UH 8A 20 MOHM SMD Description 1 CRESCRIA 27 .0000MHZ 8PF SMD 1 REKED IND 22UH 8A 20 MOHM SMD Description 2 REANT 2.5 SHOW SM 25 BP SMD 1 REKED IND 22UH 8A 20 MOHM SMD Description 2 REANT 2.5 SHOW SM 25 BP SMD 2 RESANT 2.5 SHOW SM 3D MOHM SMD Description 2 REANT 2.5 SHOW SM 25 BP SMD 2 REANT 2.5 SHOW SM 3D MOHM SMD Description 2 REANT 2.5 SHOW SM 25 BP SMD 1 REKED IND 2.2UH 8A 20 MOHM SMD	GL823K Manufacter Product Number TLVs2095RGTR TF9512220RGR FPC16F153224TJJQ BQ25899MRTWR RC0603F8-0746KZL RC0603F8-0746KZL RC0603F8-0746KZL RC0603F8-0746KZL RC0603F8-07510KL RC0603F8-07510KL RC0603F8-07510KL RC0603F8-07510KL RC0603F8-07510KL RC0603F8-07510KL RC0603F8-07510KL RC0603F8-07510KL RC0603F8-07510KL RC0603F8-074KTL CL21A226MQQNNNE 06036C103KAF1AG CCM218F3TE10KAS6L CL1A104KASNNNC C0605C4738F3GCTU CL21A106KQQNNNC CL1A04TSC68NNC MDWK4040T1R0MM ASPI-0630H1-2R2M-T15 Manufacter Product Number LNCD1-27M 744040424220 Manufacter Product Number ANTK100F011B24003	Link Link https://www.digikey.com/product-detail/en/lexas-instruments/TLV52095RGTR/296-46277-1-ND/7033452 https://www.digikey.com/product-detail/en/lexas-instruments/TLV52095RGTR/296-46277-1-ND/7033452 https://www.digikey.com/product-detail/en/lexas-instruments/TLV52095RGTR/296-46277-1-ND/7033452 https://www.digikey.com/product-detail/en/lexas-instruments/TLV52095RGTR/296-46277-1-ND/7033452 https://www.digikey.com/product-detail/en/lexas-instruments/TLV52095RGTR/296-46277-1-ND/70345310 https://www.digikey.com/product-detail/en/lexas-instruments/TLV52095RMTNVB/FL33843 https://www.digikey.com/product-detail/en/lexas-instruments/TLV52095RMTNVB/FL33843 https://www.digikey.com/product-detail/en/lexas-instruments/TLV52095RHTNVB/TL33843 https://www.digikey.com/product-detail/en/lexas-instruments/TLV52095RHTNVB/TL37958491 https://www.digikey.com/product-detail/en/lexas-instruments/TLV52095RHTNVB/TL37958491 https://www.digikey.com/product-detail/en/lexas-instruments/TLV52095RHTNVB/TL37958491 https://www.digikey.com/product-detail/en/lexas-instruments/TLV52095RHTNVB/TL37958491 https://www.digikey.com/product-detail/en/lexas-instruments/TLV52095RHTNVB/TL37958491 https://www.digikey.com/product-detail/en/lexas-instruments/TLV52095RHTNVB/TL3795991 https://www.digikey.com/product-detail/en/lexas-instruments/TL379584911-2008THXDVB/TL3795991 https://www.digikey.com/product-detail/en/lexas-instruments/TL379584911-2008THXDVB/TL37959991 https://www.digikey.com/product-detail/en/lexas-instruments/TL379584911-2008THXDVB/TL37959991 https://www.digikey.com/product-detail/en/lexas-instruments/TL37958911-2008THXDVB/TL37959991 https://www.digikey.com/product-detail/en/lexas-instruments/TL3795991-2008THXDVB/TL37959991-2008THXDVB/TL37959991-2008THXDVB/TL37959991-2008THXDVB/TL37959991-2008THXDVB/TL37959991-2008THXDVB/TL37959991-2008THXDVB/TL37959991-2008THXDVB/TL37959991-2008THXDVB/TL37959991-2008THXDVB/TL37959991-2008THXDVB/TL37959991-2008THXDVB/TL37959991-2008THXDVB/TL37959991-2008THXDVB/TL37959991-2008THXDVB/TL379599
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