Bill of Materials

IDEP-0040 - SDR Industrial I/O Board

I DESIGNS

4	Designator		Libbet	Exclusion	Commont	Value	Valtere	Description	146-	Mén DNI
4	C300, C400, C403	Type capacitor	LibRef B45196H2156K209	Footprint SMD_TAN_B	Comment 15uF	Value 15uF	Voltage 10V	Description CAP TANT 15UF 10V 10% 1411	Mfg Kemet	Mfg_PN T491B156K010AT
	R209, R210, R211,	capacitor	643190H2130K209	SIVID_TAIN_B	ISUF	TOUL	104	CAP TAINT 150P 10V 10% 1411	Kemet	14918130K010A1
	R212	resistor	RES_0603	R0603L	49.9	49.9		RES 49.9 OHM 1/10W 1% 0603 SMD	Vishay Dale	CRCW060349R9FKE
1	B100	general	BR1225-1VC	BR1225-1VC	BR1225-1VC			BATTERY LITH 12.5MM COIN PC PINS	Panasonic - BSG	BR-1225/VCN
2	R804, R810	resistor	RES_1206	R1206N	270	270		RES 270 OHM 1/4W 1% 1206 SMD	Vishay Dale	CRCW1206270RFKE
1	X100	general	CB3LV-3I-24M5760	CB3LV	CB3LV-3I-24M5760			OSC 24.5760 MHZ 3.3V SMD	CTS-Frequency Controls	CB3LV-3I-24M5760
1	C613	capacitor	CAP_X7R_0603_16V	C0603N	0.22uF	0.22uF	16V	CAP CER .22UF 16V X7R 0603	Murata Electronics North America	GRM188R71C224KA
-	Q500, Q501, Q502,									
	Q503	general	MMBT2222A	SOT-23-3	MMBT2222A			TRANSISTOR GP NPN AMP SOT-23	Fairchild Semiconductor	MMBT2222A
	JP504	general	JUMPER_HEADER	JUMPER	JUMPER			CONN HEADER 2POS .100 VERT GOLD	Molex Connector Corporation	22-28-4024
	D600, D601, D602	general	B340A-13-F	SMA	B340A-13-F			DIODE SCHOTTKY 3A 40V SMA	Diodes Inc	B340A-13-F
	U600, U601, U602	general	TPS5430	SO8(PWP)	TPS5430			IC BUCK ADJ 3A 8SO	Texas Instruments	TPS5430DDA
	TP1	general	TP_BLK_5001	TP	5001			TEST POINT PC MINI .040"D BLACK	Keystone Electronics	5001
	J104	general	87832-2420	87832-2420	87832-2420			CONN HEADER 24POS 2MM VERT SMD	Molex Connector Corporation	87832-2420
2	R222, R225	resistor	RES_0402	R0402L	130	130		RES 130 OHM 1/16W 1% 0402 SMD	Vishay Dale	CRCW0402130RFKE
	R303, R306, R310, R313		RES_0402		680	680				CRCW0402680RFKE
	R313 R300, R302, R305,	resistor	RES_0402	R0402L	680	680		RES 680 OHM 1/16W 1% 0402 SMD	Vishay Dale	CRCW0402680RFRE
	R309, R312 R200, R201, R206,	resistor	RES_0402	R0402L	1.80k	1.80k		RES 1.80K OHM 1/16W 1% 0402 SMD	Vishay Dale	CRCW04021K80FKE
	R213, R221, R223,									
	R224	resistor	RES_0402	R0402L	2.20k	2.20k		RES 2.20K OHM 1/16W 1% 0402 SMD	Vishay	CRCW04022K20FKE
1	R601 R301, R307, R308,	resistor	RES_0402	R0402L	3.24k	3.24k		RES 3.24K OHM 1/16W 1% 0402 SMD	Vishay Dale	CRCW04023K24FKE
			055 0403	804031	2 201	2.201			KIL BIL	CD C1/0 4022/205/5
	R314	resistor	RES_0402	R0402L	3.30k	3.30k		RES 3.30K OHM 1/16W 1% 0402 SMD	Vishay Dale	CRCW04023K30FKE
	R214	resistor	RES_0402	R0402L		4.99K		RES 4.99K OHM 1/16W 1% 0402 SMD	Vishay Dale	CRCW04024K99FKE
	R603	resistor	RES_0402	R0402L	5.90K	5.90K		RES 5.90K OHM 1/16W 1% 0402 SMD	Vishay Dale	CRCW04025K90FKE
	R606	resistor	RES_0402	R0402L	15.8K	15.8K		RES 15.8K OHM 1/16W 1% 0402 SMD	Vishay Dale	CRCW040215K8FKE
	R605	resistor	RES_0402	R0402L	20.0K	20.0K		RES 20.0K OHM 1/16W 1% 0402 SMD	Vishay Dale	CRCW040220K0FKE
	R607	resistor	RES_0402	R0402L	140k	140k		RES 140K OHM 1/16W 1% 0402 SMD	Vishay Dale	CRCW0402140KFKE
	R604	resistor	RES_0402	R0402L	348K	348K	501/	RES 348K OHM 1/16W 1% 0402 SMD	Vishay Dale	CRCW0402348KFKE
	C907, C908	capacitor	CAP_NPO_0402_50V	C0402L	12pF	12pF	50V	CAP CER 12PF 5% 50V NP0 0402	AVX Corporation	04025A120JAT2A
1	Y200	general	ECS-250-18-5PX-F-TR	CSM-7	25.000 MHZ			CRYSTAL 25.000MHZ 18PF SMD	ECS Inc	ECS-250-18-5PX-F-1
	J103	general	67913-0002	67913-0002	1775059-1	l		CONN SD MEMORY SMD BOTTOM MNT	TE Connectivity	1775059-1
3	J700, J701, J702	general	79109-1224	79109-1224	79109-1224	l		CONN 50POS 2MM SOCKET STR PC SMD	3M	150250-2000-RB
~	C601, C602, C605,	capacitor	CAD YED 1000YOF F	CARC2216V10A	4 7.05	4.7uF	50V	CAR CER 4 7115 501/ YER 1306	Taivo Yudon	UMK316BJ475KL-T
6	C606, C800, C805 D603	capacitor general	CAP_X5R_1206X07_50	CAPC3216X18N	4.7uF MBRA160T3G	H./ UF	50V	CAP CER 4.7UF 50V X5R 1206 DIODE SCHOTTKY 60V 1A SMA	Taiyo Yuden On Semiconductor	
	J300	general general	MBRA160T3G SJ-3523-SMT	403D-02-SMA SJ-3523-SMT	SJ-3523-SMT	ł		CONN AUDIO JACK 3.5MM STEREO SMD	On Semiconductor CUI Inc	MBRA160T3G SJ-3523-SMT-TR
	5100, S101	general	KMR221GLFS	KMR221GLFS	KMR221GLFS			SWITCH TACTILE SPST-NO 0.05A 32V	C&K Components	KMR221GLFS
				67491-1032						
	J503	general	67491-1032		67491-1032			CONN HEADER SATA 7POS PCB GOLD	Molex Connector Corporation	67491-1032
	J400	general	74320-4004	74320-4004	74320-4004			CONN RECEPT RT ANG DIGITAL DVI	Molex Connector Corporation	74320-4004
	C111, C112	capacitor	CAP_X5R_1206X07_6	CAPC3216X18N	100uF	100uF	6.3V	CAP CER 100UF 6.3V 20% X5R 1206	Murata Electronics North America	GRM31CR60J107ME
	U300	general	DSD1791DB	DB28	DSD1791DB			IC 24BIT STEREO AUD DAC 28-SSOP	Texas Instruments	DSD1791DB
	Q600	general	FDS6681Z	SO-8	FDS6681Z			MOSFET P-CH 30V 20A SO-8	Fairchild Semiconductor	FDS6681Z
	U900	general	MCP2515IST		MCP2515-I/ST			IC CAN CONTROLLER W/SPI 20TSSOP	Microchip Technology	MCP2515-I/ST
	L300, L400, L401	general	MMZ1608R301A	L0603				FERRITE CHIP 300 OHM 500MA 0603	TDK Corporation	MMZ1608R301A
	U301	general	OPA2134UA	SO-8	OPA2134UA			IC OPAMP AUDIO STER AB 8SOIC	Texas Instruments	OPA2134UA
	U400	general	TFP410PAP	PAP64_N	TFP410PAP			IC TRANSMITTER DIGITAL 64-HTQFP	Texas Instruments	TFP410PAP
	U200	general	TLK100PHP	PHP48_N	TLK100PHP			IC TXRX IND ETHERNET 48HTQFP	Texas Instruments	TLK100PHP
2	U100, U101	general	TPS2041BDBVR	SOT-23-5	TPS2041BDBVR			IC PWR DIST SWITCH SNGL SOT23-5	Texas Instruments	TPS2041BDBVR
1	U502	general	TRS232ECPWR	TSSOP16	TRS232ECPWR			IC RS232 LINE DVR/RCVR 16-TSSOP	Texas Instruments	TRS232ECPWR
1	C307	capacitor	TCP1A105M8R	CAPCP2012X12N	1.0uF	1.0uF	10V	CAP TANT 1.0UF 10V 20% SMD	Rohm Semiconductor	TCP1A105M8R
1	Y900	general	ABLS-20.000MHZ-L40	CSM-7	20.000MHz			CRYSTAL 20MHZ 18PF SMD	Abracon Corporation	ABLS-20.000MHZ-L
1	U501	general	ISO1050DUBR	DUB08	ISO1050DUBR			IC TXRX CAN 5V 8SOP	Texas Instruments	ISO1050DUBR
3	C611, C612, C615	capacitor	CAP_X5R_1210X11_2	CAPC3225X27N	22uF	22uF	25V	CAP CER 22UF 25V X5R 1210	Taiyo Yuden	TMK325BJ226MM-1
2	C603, C607	capacitor	593D107X0010D2TE3	SMD TAN D	100uF					
	C105, C106, C107,	capacitor	595D107X0010D21E5	5mb_17m_5	10001	100uF	10V	CAP TANT 100UF 10V 20% 2917	Vishay Sprague	593D107X0010D2Te
	C108, C109, C110, C113, C117, C119, C120, C200, C203, C204, C205, C206, C207, C208, C209, C210, C211, C212, C213, C214, C215, C216, C217, C301,									593D107X0010D2TE
35	C108, C109, C110, C113, C117, C119, C120, C200, C203, C204, C205, C206, C207, C208, C209, C210, C211, C212, C213, C214, C215, C216, C217, C301, C304, C305, C306,	capacitor	CAP_X7R_0402_16V	C0402L	0.1uF	0.1uF	10V 16V	CAP CER 0.1UF 16V 10% X7R 0402	TDK Corporation	C1005X7R1C104K0
35	C108, C109, C110, C113, C117, C119, C120, C200, C203, C204, C205, C206, C207, C208, C209, C210, C211, C212, C213, C214, C215, C216, C217, C301, C304, C305, C306, J501, J502, J504	capacitor general	CAP_X7R_0402_16V 5103308-1	C0402L 5103308-1	0.1uF IDC DB9			CAP CER 0.1UF 16V 10% X7R 0402 CONN HEADER LOPRO STR 10POS GOLD	TDK Corporation TE Connectivity	C1005X7R1C104K0 5103308-1
35 3 1	C108, C109, C110, C113, C117, C119, C120, C200, C203, C204, C205, C206, C207, C208, C209, C210, C211, C212, C213, C214, C215, C216, C217, C301, C304, C305, C306, J501, J502, J504 J000	capacitor general general	CAP_X7R_0402_16V 5103308-1 UX60-MB-558	C0402L 5103308-1 UX60-MB-558	0.1uF IDC_DB9 UX60-MB-558			CAP CER 0.1UF 16V 10% X7R 0402 CONN HEADER LOPRO STR J0POS GOLD CONN READER MU USB20 SPOS	TDK Corporation TE Connectivity Hirose Electric Co Ltd	C1005X7R1C104K0 5103308-1 UX60-MB-558
35 3 1	C108, C109, C110, C113, C117, C119, C120, C200, C203, C204, C205, C206, C207, C208, C209, C210, C211, C212, C213, C214, C215, C216, C217, C301, C304, C305, C306, J501, J502, J504 J100 J200	capacitor general general	CAP_X7R_0402_16V 5103308-1 UX60-MB-558 JX00110218NL	C0402L 5103308-1 UX60-MB-558 JX0011	0.1uF IDC_DB9 UX60-MB-SS8 JX0011021BNL	0.1uF	16V	CAP CER 0.1UF 16V 10% X7R 0402 CONN HEADER LOPRO STR 10POS GOLD CONN RECEPT MINI USE20 SPOS R.45 Jack with internal transformer and LED	TDK Corporation TE Connectivity Hirose Electric Co Ltd Pulse	C1005X7R1C104K0 5103308-1 UX60-MB-558 JX0011D21BNL
35 3 1 1	C108, C109, C110, C113, C117, C119, C120, C200, C203, C204, C205, C206, C207, C208, C209, C210, C211, C212, C213, C214, C215, C216, C217, C301, C304, C305, C306, J501, J502, J504 J100 C610	capacitor general general general capacitor	CAP_X7R_0402_16V 5103308-1 UX60-MB-558 JX0011021BNL CAP_X7R_0805X05_51	C0402L 5103308-1 UX60-MB-558 JX0011 CAPC2012X14N	0.1uF IDC DB9 UX60-MB-558 JX0011021BNL 1.0uF			CAP CER 0.11/F 15V.10% X/R 0402 CONN HEADER LOPRO STR 10POS GOLD CONN RECEPT MINI USB2.0 SPOS RL-45 Jack with internal transformer and LED CAP CER 11/F X/R 0805	TDK Corporation TE Connectivity Hirose Electric Co Ltd Pulse Murata Electronics North America	C1005X7R1C104K0 5103308-1 UX60-MB-558 UX0011D218NL GRM21BR71H105K
35 3 1 1 1	C108, C109, C110, C113, C117, C119, C120, C200, C203, C204, C205, C206, C207, C208, C209, C210, C211, C212, C213, C214, C215, C216, C217, C301, C304, C305, C306, J501, J502, J504 J100 C610 J600	capacitor general general	CAP_X7R_0402_16V 5103308-1 UX60-MB-558 JX00110218NL	C0402L 5103308-1 UX60-MB-558 JX0011	0.1uF IDC_DB9 UX60-MB-SS8 JX0011021BNL	0.1uF	16V	CAP CER 0.1UF 16V 10% X7R 0402 CONN HEADER LOPRO STR 10POS GOLD CONN RECEPT MINI USE20 SPOS R.45 Jack with internal transformer and LED	TDK Corporation TE Connectivity Hirose Electric Co Ltd Pulse	C1005X7R1C104K0 5103308-1 UX60-MB-558 JX0011D21BNL
35 3 1 1 1 1	C108, C109, C110, C113, C117, C119, C120, C200, C203, C204, C205, C206, C207, C208, C209, C210, C211, C212, C213, C214, C215, C216, C217, C301, C304, C305, C301, J501, J502, J504 J100 C610 J600 F601, F602, F603,	capacitor general general general general general	CAP X7R_0402_16V 5103308-1 UX60-M8-558 XX0011D218NL CAP X7R_0805X05_51 1711026	C0402L 5103308-1 JX60-M8-558 JX0011 CAPC2012X14N 1711026	0.1uF IDC_089 UX60-M8-558 X00110218NL 10uF 1711026	01uF 10uF	16V 50V	CAP CER 0.1UF 16V 10% X7R 0402 CONN HEADER LOPRO STR 16POS GOLD CONN RECET MIN USB21 0 SPOS RJ-45 Jack with internal transformer and LED CAP CER 11F SWX 7R 0805 CONN TERM BLOCK 2POS SMM PCB	TDK Corporation TE Connectivity Hirose Electric Co Ltd Pulse Murata Electronics North America Phoenis Contact	C1005X7R1C104K0 5103308-1 UX60-MB-558 JX0011D21BNL GMU21BR71JH105K 1711026
35 3 1 1 1 1 1 4	C108, C109, C110, C113, C117, C119, C120, C200, C203, C204, C205, C206, C207, C208, C209, C210, C211, C212, C213, C214, C215, C216, C217, C301, C304, C305, C306, J501, J502, J504 J100 C610 F601, F602, F603, F604	capacitor general general general general general general	CAP X78,0402,16V 5103308-1 UKGO-MB-558 JN0011D218NL CAP X78,0805X05,51 T11026 MF-MSMF110-24	C0402L 5103308-1 10060-M8-558 7X0011 CAPC2012X14N F1812N F1812N	0.1uF IDC.089 JX061-M8-558 JX00110218NL 10uF Tr11026 MF-MSMF110/24X-2	0.1uF	16V	CAP CER 0.1UF 16V 10% X7R 0402 CONN HEADER LOPRO STR 10POS GOLD CONN RECEPT NUM USB20 SPOS RI-45 Jack with internal transformer and LED CAP CER 1UF S0V X7R 0805 CONN TERM LOCK 2POS SMM PCB FUSE PTC RESET 1.10A SMD 1812	TDK Corporation TE Connectivity Hirose Electric Co Ltd Pulse Murata Electronics North America Ploenic Contact Bourns Inc.	C1005X7R1C104K0 5103308-1 UX60-ME-558 JX00110218NL G6M218R71H1056 I711026 MF-M5MF110/24X-
35 3 1 1 1 1 1 4 2	C108, C109, C110, C113, C117, C119, C120, C200, C203, C204, C205, C206, C207, C208, C209, C210, C211, C212, C213, C214, C215, C215, C217, C301, C304, C305, C306, C305, C305, C305, C305, C305, C305, C305, C305, C305, C305, C305, C305, C305, C305, C305, C305, C305, C305,	capacitor general general general general general general	CAP X7R 0402 16V 5103308-1 UK60-M8-558 JA00110218N. CAP X7R 0805505 54 1711026 MF-MSMF110-24 USBLC6-2P6	C0402L 5103308-1 10460-MB-558 JX0011 CAPC012XL4N 1711026 T1812N 507-666	0.1uF IDC D89 UX60-MB-SS8 JX00110218NL 10uF 1711026 MF-MSP110/24X-2 USLICE-2P6	01uF 10uF	16V 50V	CAP CER 0.1UF 16V 10% X/R 0402 CONN HEADER LOPRO STR 10POS GOLD CONN RECEPT MNN USB2.0 SPOS RI-45 Jack with internal transformer and LED CAP CER 1LF SWX 7R 0805 CONN TERM BLCCK 2POS SMM PCB FUSE PTC RESET 1.10A SMD 1812 LC SD PROTECTION FOR HS S0T-666	TDK Corporation TE Connectivity Hirose Electric Co Ltd Pulse Murata Electronics North America Phoenic Contact Bourns Inc. STMicroelectronics	c1005X7R1C104K0 5103308-1 UX60-MB-558 JX0011D218NL GRM21B871H105K 1711026 MF-MSMF110/24X- MF-MSMF110/24X-
35 3 1 1 1 1 1 1 4 4 2 1	C108, C109, C110, C113, C117, C119, C120, C200, C203, C204, C205, C206, C207, C208, C206, C207, C208, C209, C210, C211, C212, C13, C214, C212, C13, C214, C217, C301, C304, C305, C301, C304, C305, C301, C304, C305, C301, C304, C305, C301, C304, C305, C301, C3	capacitor general general general general general general general	CAP X7R_0402_16V 5103308-1 Ux60-MB-558 JX00110218NL CAP X7R_0805X05_51 J711026 MF-MSMF110-24 USBLC6-2P6 VC15MA0166KBA	C0402L 5103308-1 UM60-M8-558 JX0011 CAPC2012X14N 1711026 F1812N 507-666 2220	0.1uF IDC_D89 UX60-M8-558 JX0011D218NL 10uF 1711026 MF-MSMF110/24X-2 USBLC6-2P6 VC15MA0160K8A	0.1uF 1.0uF 1.1A	16V 50V	CAP CER 0.1UF 16V 10% X7R 0402 CONN HEADER LOPRO STR 10POS GOLD CONN RECEPT MIN USB2.0 SPOS B1-45 Jack with internal transformer and LED CAP CER 1UF 50V X7R 0805 CONN TERM BLCCK 2POS SMM PCB FUSE PTC RESET 1.10A SMD 1812 LC ESD PROTECTION FOR HS S0T-666 VARISTOR TVS ED JAVOC 2000 X220	TDK Corporation TE Connectivity Hirose Electric Co Ltd Pulse Pulse Pulse Pulse Nurata Electronics North America Phoenix Contact Bourns Inc. STMCroelectronics AVX Corporation	C1005X7R1C104K0 5103308-1 UX60-ME-SS8 JX0011D21BNL GRM21BR71H1055 MF-M5MF110/24X- USBLC6-2P6 VC15MA0160KBA
35 3 1 1 1 1 1 1 4 2 1 1	C108, C109, C110, C113, C117, C119, C120, C200, C203, C204, C205, C206, C207, C208, C209, C210, C211, C212, C213, C214, C212, C213, C214, C217, C301, C302, C301, C304, C305, C306, J501, J502, J504, J100, J500, J502, J504, J500, J502, J504, J502, J504,	capacitor general general general general general general	CAP X7R 0402 16V 5103308-1 UK60-M8-558 JA00110218N. CAP X7R 0805505 54 1711026 MF-MSMF110-24 USBLC6-2P6	C0402L 5103308-1 10460-MB-558 JX0011 CAPC012XL4N 1711026 T1812N 507-666	0.1uF IDC D89 UX60-MB-SS8 JX00110218NL 10uF 1711026 MF-MSP110/24X-2 USLICE-2P6	01uF 10uF	16V 50V	CAP CER 0.1UF 16V 10% X/R 0402 CONN HEADER LOPRO STR 10POS GOLD CONN RECEPT MNN USB2.0 SPOS RI-45 Jack with internal transformer and LED CAP CER 1LF SWX 7R 0805 CONN TERM BLCCK 2POS SMM PCB FUSE PTC RESET 1.10A SMD 1812 LC SD PROTECTION FOR HS S0T-666	TDK Corporation TE Connectivity Hirose Electric Co Ltd Pulse Murata Electronics North America Phoenic Contact Bourns Inc. STMicroelectronics	C1005X7R1C104K0 5103308-1 UX60-ME-SS8 JX0011D21BNL GRM21BR71H1055 MF-M5MF110/24X- USBLC6-2P6 VC15MA0160KBA
35 3 1 1 1 1 1 1 1 1 4 2 1 1 1	C108, C109, C110, C113, C117, C119, C120, C200, C203, C204, C205, C206, C207, C208, C209, C210, C211, C212, C113, C214, C215, C216, C217, C301, C304, C305, C304, C304, C305, C305, R508, R508, R508, R508, R506, R507, R508,	capacitor general general general general general general general	CAP X7R.0402.16V 5103308-1 UX60-M8-558 JX00110218NL CAP X7R.0805X05.50 1711026 MF-MSMF110-24 USBLC6-276 VC15MA0160KBA RE5_0402	CD402L S103308-1 UX60-M8-558 JX0011 CAPC012X14N 1711026 F1812N S07-666 2220 80402L	0.1uF IDC_D89 UX60-M8-558 IX60110218NL 100F 1711026 MF-M5NP110/24X-2 USLIC6-2P6 VCISMA0160KBA 00	0.1uF 1.0uF 1.1A 0.0	16V 50V	CAP CER 0.1UF 16V 10% X/R 0402 CONN HEADER LOPRO STR 10POS GOLD CONN HECEPT MNIL USB2.0 SPOS RI-45 Jack with internal transformer and LED CAP CER 11F SWX RR 0805 CONN TERM BLOCK 2POS 5MM PCB FUSE PTC RESET 1.10A SMD 1812 IC SD RROTECTION FOR H5 SOT-666 VARISTOR TVS ESD 16VOCL200A 220 BES 0.0 OHM 1/16W 0402 SMD	TDK Corporation TE Connectivity Hirose Electric Co Ltd Pulse Pulse Pulse Pulse Nurata Electronics North America Phoenix Contact Bourns Inc. STMCroelectronics AVX Corporation	C1005X7R1C104K05 5103308-1 UX60-M8-55 JX00110218NL 0711026 MF-MSMF110/24X- US8LC6-2P6 VC15MA0160KBA. CRCW0402000020E
35 3 1 1 1 1 1 4 2 1 1 1 1 1 3	C108, C109, C110, C113, C117, C119, C120, C200, C203, C204, C205, C206, C207, C208, C206, C207, C208, C209, C210, C211, C212, C13, C214, C217, C301, C304, C305, C304, C304, C304, C304, C304, C304, C305, C304, C304, C305, C304, C304, C305, C305, C304, R505, R509, R509, R509,	capacitor general general general general general general general resistor	CAP X7R_0402_16V 5103308-1 UK60-M8-558 JX0011D218NL CAP X7R_0805X05_51 J711026 MF-MSMF110-24 USBLC6-2P6 VC15MA016KBA RES_0402 RES_0402	C0402L 5103308-1 Ux60-M8-558 JX0011 CAPC2012X14N 1711026 F1812N 507-666 2220 R0402L R0402L	0.1uF IDC_D89 JX060-M8-558 JX0011D218NL 10uF 1111026 MF-MSMF110/24X-2 USBLC6-2P6 VC15MA0160KBA 0.0 1.00K	0.1uF 1.0uF 1.1A 0.0	16V 50V	CAP CER 0.1UF 16V 10% X7R 0402 CONN HEADER LOPRO STR 10POS GOLD CONN RECEPT MINI UB22.0 SPOS 8.45 Jack with internal transformer and LED CAP CER 1UF 50V X7R 0805 CONN TERM BLOCK 2POS 5MM PCB FUSE PTC RESCT 10A SMD 1812 IC SD ROTECTION FOR HS SOT -666 VARISTOR TVS ESD 16VPCL 200A 2220 RES 0.0 OHM 1/16W 0402 SMD RES 1.00K OHM 1/16W 1% 0402 SMD	TDK Corporation TE Connectivity Hirose Electric Co Ltd Puste Murata Electronics North America Phoenic Contact Bourns Inc. STMicroelectronics AVX Corporation Vishay Vishay	C1005X7R1C104K0 5103308-1 UX60-ME-558 JX0011D21BNL GRM21BR71H105K MF-M5MF110/24X- USBLC6-2P6 VC15MA0160KBA CRCW0402000020B CRCW04021K00FKE
35 3 1 1 1 1 1 2 1 1 1 2 2	C108, C109, C110, C113, C117, C119, C120, C200, C203, C204, C205, C206, C207, C208, C209, C210, C111, C212, C113, C214, C215, C216, C217, C301, C304, C305, C306, C304, C305, C306, C304, C305, C306, C300, F803, F804, F803, F803, F804, F803, F804, F803, F804, F803, F804, F803, F804, F803, F804, F803, F806, F807, F808, F806, F807, F808, F809, F802, F806, F807, F808, F809, F802,	capadtor general general capactor general general general general resistor resistor	CAP X7R 0402 16V 5103308-1 UX60-M8-558 JA00110218N. CAP X7R.0805505 54 1711026 MF-MSMF110-24 USBLC6-2P6 VC15MA0160KBA RE5_0402 RE5_0402 RE5_0402	CI402L 5103308-1 UX60-MB-558 JX0011 CAPC2012X14N 1711026 F1812N 507-666 5220 R0402L R0402L R0402L	0.1uF IDC D89 UX60-M8-558 JX00110218NL 10uF 1711026 MF-MSMF110/24X-2 VCI5MA0160KBA 0.0 1.00K	0 luF 10uF 11A 0.0	16V 50V	CAP CER 0.1UF 16V 10% X7R 0402 CONN HEADER LOPRO STR 10905 GOLD CONN HEADER LOPRO STR 10905 GOLD CONN RECEPT MNI USB2.0 SPOS RI-45 Jack with internal transformer and LED CONN TERM BLOCK 2POS SMM PCB FUSE PTC RESET 1.10A SMD 1812 IC SD RROTECHO FOR HS SOT-666 VARISTOR TVS ESD 16/VOCL200A 2220 RES 0.0 OHM 1/16W 194.0402 SMD RES 1.00K OHM 1/16W 194.0402 SMD RES 1.00K OHM 1/16W 194.0402 SMD	TDK Corporation TE Connectivity Hirose Electric Co Ltd Pulse Murata Electronics North America Phoenic Contact Bourns Inc. STMicroelectronics AVX Corporation Vishay Vishay	C1005X7R1C104K0 5103308.1 UX60-MB-SS8 JX0011D218NL GRM21BR71H105K MF-MSMF110/24X- VC15MA0160KBA CRCW0402000020B CRCW04021000FKE CRCW04021000FKE
35 3 1 1 1 1 1 4 2 1 1 1 1 1 2 2 2	C108, C109, C110, C113, C117, C119, C120, C200, C203, C204, C205, C206, C207, C208, C206, C207, C208, C209, C210, C211, C212, C13, C214, C212, C13, C214, C217, C301, C304, C305, C302, S204, C305, C304, S204, C305, C304, S204, C305, C304, S205, F603, F604, U102, U103 RV600 R208 R208 R208, R501, R503, R504, R505, R568, R507, R508, R509 R600, R602 R304, R311	capacitor general general general general general general general general resistor resistor resistor	CAP X7R_0402_16V 5103308-1 UX60-MB-558 JX00110218NL CAP X7R_0805X05_51 1711026 MF-M50MF110-24 USBLC6-2P6 MF-M50MF110-24 USBLC6-2P6 VC15MA0116KBA RES_0402 RES_0402 RES_0402	C0402L 5103308-1 UX60-M8-558 JX0011 CAPC2012X14N 1711026 F1812N S07-666 2220 R0402L R0402L R0402L R0402L R0402L	0.1uF IDC_089 UX60-M8-558 JX0011D218NL 10uF 1711026 MF-MSMF110/24X-2 USBLC6-2P6 USBLC6-2P6 0.0 100K 100K 100	0.1uF 1.0uF 1.1A 1.00K 1.00K 1.00K	16V 50V 24V	CAP CER 0.1UF 16V 10% X7R 0402 CONN HEADER LOPRO STR 10POS GOLD CONN RECEPT MIN US22.0 SPOS RI-45 Jack with internal transformer and LED CAP CER LIFS OVX 7R 0805 CONN TERM BLOCK 2POS 5MM PCB FUSE PTC RESET 110A SMD 1812 IC SD PROTECTION FOR H5 SOT-666 VARSTOR TVS 250 JAVOCL200A 2220 RES 100K OHM 1/16W 1% 0402 SMD RES 100K OHM 1/16W 1% 0402 SMD RES 100K OHM 1/16W 1% 0402 SMD RES 100K OHM 1/16W 1% 0402 SMD	TDK Corporation TE Connectivity Hirose Electric Co Ltd Puste Murata Electronics North America Phoenic Contact Bourns Inc. STMicroelectronics AVX Corporation Vishay Vishay Vishay	C1005X7R1C104K0 5103308-1 UX60-ME-558 JX0011D218NL 0560-ME-558 JX011D218NL 058M218871H0524X USBLC6-2P6 VC15MA010608A CRCW04021000FKE CRCW0402100FKE CRCW0402100FKE
35 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2	C108, C109, C110, C113, C117, C119, C120, C200, C203, C204, C205, C206, C207, C208, C209, C210, C211, C212, C213, C214, C215, C216, C217, C301, C304, C305, C306, C304, C305, C306, C304, C305, C306, C304, C305, C306, F604, F604, F601, F602, F603, F604, F601, F602, F603, F604, F601, F602, F603, F604, F601, F602, F603, F604, F601, F602, F603, F604, F601, F602, F603, F604, F600, F605, F606, F605, F606, F606, F605, F606, F606, F605, F606, F606, F602, F606,	capadtor general general capactor general general general general resistor resistor	CAP X7R 0402 16V 5103308-1 UX60-M8-558 JA00110218N. CAP X7R.0805505 54 1711026 MF-MSMF110-24 USBLC6-2P6 VC15MA0160KBA RE5_0402 RE5_0402 RE5_0402	C0402L 5103308-1 UX60-M8-558 JX0011 CAPC2012X14N 1711026 F1812N S07-666 2220 R0402L R0402L R0402L R0402L R0402L	0.1uF IDC D89 UX60-M8-558 JX00110218NL 10uF 1711026 MF-MSMF110/24X-2 VCI5MA0160KBA 0.0 1.00K	0 luF 10uF 11A 0.0	16V 50V	CAP CER 0.1UF 16V 10% X7R 0402 CONN HEADER LOPRO STR 10905 GOLD CONN HEADER LOPRO STR 10905 GOLD CONN RECEPT MNI USB2.0 SPOS RI-45 Jack with internal transformer and LED CONN TERM BLOCK 2POS SMM PCB FUSE PTC RESET 1.10A SMD 1812 IC SD RROTECHO FOR HS SOT-666 VARISTOR TVS ESD 16/VOCL200A 2220 RES 0.0 OHM 1/16W 194.0402 SMD RES 1.00K OHM 1/16W 194.0402 SMD RES 1.00K OHM 1/16W 194.0402 SMD	TDK Corporation TE Connectivity Hirose Electric Co Ltd Pulse Murata Electronics North America Phoenic Contact Bourns Inc. STMicroelectronics AVX Corporation Vishay Vishay	C1005X7R1C104K0 5103308-1 UX60-ME-558 JX0011D218NL 0560-ME-558 JX011D218NL 058M218871H0524X USBLC6-2P6 VC15MA010608A CRCW04021000FKE CRCW0402100FKE CRCW0402100FKE
35 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 2 2 2	C108, C109, C110, C113, C117, C119, C120, C200, C203, C204, C205, C206, C207, C208, C206, C207, C208, C209, C210, C211, C212, C13, C214, C212, C13, C214, C217, C301, C304, C305, C302, S204, C305, C302, S204, C305, C302, S204, C305, C304, S205, F603, F604, U102, U103 RV600 R208 R208 R208, R501, R503, R504, R505, R568, R507, R508, R509 R600, R602 R304, R511	capacitor general general general general general general general general general resistor resistor resistor capacitor	CAP X7R_0402_16V 5103308-1 UX60-MB-558 JX00110218NL CAP X7R_0805X05_51 1711026 MF-M50MF110-24 USBLC6-2P6 VC15MA016KBA RES_0402 RES_0402 RES_0402 RES_0402 RES_0402 RES_0402 RES_0402	C0402L 5103308-1 UX60-M8-558 JX0011 CAPC2012X14N 1711026 F1812N S07-666 2220 R0402L R0402L R0402L R0402L R0402L C0402L	0.1uF IDC_089 UX60-M8-558 JX00110218NL 10uF 1711026 MF-MSMF110/24X-2 USBLC6-2P6 USBLC6-2P6 USBLC6-2P6 USBLC6-2P6 0.0 100K 100K 100 33pF	0.1uF 1.0uF 1.1A 1.00K 1.00K 1.00K 1.00K 1.00 3.3pF	16V 50V 24V	CAP CER 0.1UF 16V 10% X7R 0402 CONN HEADER LOPRO STR 10POS GOLD CONN RECEPT MIN USB2.0 SPOS RI-45 Jack with internal transformer and LED CAP CER LIFS OVX 7R 0805 CONN TERM BLOCK 2POS 5MM PCB FUSE PTC RESET 1.10A SMD 1812 IC ESD PROTECTION FOR HS SOT-666 VARISTOR TVS ED JAVOCL200A 2:20 RES 1.00K OHM 1/16W 1% 0402 SMD RES 1.00K OHM 1/16W 1% 0402 SMD CAP CER 33PF 50V 5% NP0 0402	TDK Corporation TE Connectivity Hirose Electric Co Ltd Puste Murata Electronics North America Phoenic Contact Bourns Inc. STMicroelectronics AVX Corporation Vishay Vishay Vishay	C1005X7R1C104K0 5103308-1 UX60-ME-558 JX0011D218NL 0560-ME-558 JX011D218NL 058M218871H1052 MF-M504F110/24X- USBLC6-2P6 VC15MA010608A CRCW04021000FKE CRCW0402100FKE CRCW0402100FKE CRCW0402100FKE CRCW0402100FKE CRCW0402100FKE
35 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 2 2 2	C108, C109, C110, C113, C117, C119, C120, C200, C203, C204, C205, C206, C207, C208, C206, C207, C208, C209, C210, C211, C212, C13, C214, C217, C301, C304, C305, C304, C304, C305, C304, C305, C304, C305, C304, C305, C305, C304, R505, R509, R503, R504, R505, R509, R502, R509, R501, C304, R515, R509, R502, R509, R501, C304, R515, R509, R502, R504, R501, C302, C314, C312, C314, C314, C312, C314, C314, C322, R526, R527, C314, C322, R526, R527, R504, R505, R504, R505, R506, R507, R506, R509, R505, R506, R507, R506, R509, R505, R506, R507, R506, R507, R506, R507, R507, R506, R507, R507, R506, R507, R	capacitor general general general general general general general resistor resistor resistor resistor capacitor capacitor	CAP, X7R, 0402, 16V 5103308-1 UX60-M8-558 J00110218N1 CAP X7R, 0805X05, 50 J1711026 MF-MSMF110-24 USBLC6-2P6 VC15M0160KBA RES, 0402 RES, 0402 RES, 0402 CAP, NPO, 0402, 50V CAP, X7R, 0402, 50V	C0402L 5103308-1 UX60-M8-558 W0011 CAPC2012X14N 1711026 F1812N S07.666 2220 R0402L R0402L R0402L C0402L C0402L	0.1uF IDC D89 IX60-M48-S58 IX00110218NL 100F 1711026 M-MSMF110/44X-2 US8LC6-2P6 VC13MA0160KBA 00 100K 100K 100K 100 560pF	0.1uF 1.0uF 1.1A 0.0 1.00K 1.00K 1.00K 1.00K 560pF	16V 50V 24V 50V	CAP CER 0.1UF 16V 10% X7R 0402 CONN HEADER LOPRO STR 10POS GOLD CONN RECEPT MINI UB20 SPOS B145 lack with internal transformer and LED CAP CER 1UF S0V X7R 0805 CONN TERM BLOCK 2POS SMM PCB TUSE PTC EESET 10.05 MOI 1812 IXE SD PROTECTION FOR HS SOT-666 VARISTOR TVS ESD 16VDC1200A 2220 RES 0.00 MI X/16W 1% 0402 SMD RES 1.00K CHM 1/16W 1% 0402 SMD CAP CER 33PF 50V CERAMIC X7R 0402	TDK Corporation TE Connectivity Hirose Electric Co Ltd Pulse Murata Electronics North America Phoenix Contact Boums Inc. STMicroelectronics AVX Corporation Vishay Vishay Vishay TDK Corporation Kemet	C1005X7R1C104k0 5103308-1 UX60-M8-558 JX0011D218ML GRM21BR71H105K J711026 MF-MSMF110/24K USBLC6-2P6 VC15MA0160KBA CRCW04020000Z00 CRCW0402100FKK CRCW0402100FKK CRCW0402100FKK CRCW0402100FKK C1005C0G1H330/0 C0402C561K5RACT
35 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	C108, C109, C110, C113, C117, C119, C120, C200, C203, C204, C205, C206, C204, C205, C206, C200, C201, C212, C213, C214, C215, C216, C217, C301, C304, C305, C304, C304, C305, C304, C305, C307, R508, R509, R500, R502, R504, R505, R504, R505, R505, R505, R505, R505, R505, R505, R505, R505, R505, R505, R505,	capacitor general general capacitor general general general general general resistor resistor resistor capacitor capacitor capacitor capacitor	CAP X7R.0402.16V CAP X7R.0402.16V 503308-1 UK60-MB-558 JX00110218NL CAP X7R.0805X05.54 I711026 MF-MSMF110-24 USBLC6-2P6 VC15MA0160KBA RE5_0402 RE5_0402 RE5_0402 CAP_NPC_0402_50V CAP_X7R_0402_50V RE5_0402	C0402L 5103308-1 UX60-MB-558 JX0011 CAPC012XL4N 1711026 F1812N 507-666 2220 R0402L R0402L R0402L C0402L C0402L C0402L	0.1uF IDC_D89 UX60-MB-558 JX00110218NL 100F 1711026 MF-M5MP110/24X-2 VC15MA0160KBA 0.0 100K 100K 100K 100 33pF 560pF 33.0	0.1uF 1.0uF 1.1A 1.00K 1.00K 1.00K 1.00K 1.00 3.3pF	16V 50V 24V 50V	CAP CER 0.1UF 16V 10% X/R 0402 CONN HEADER LOPRO STR 10POS GOLD CONN HEADER LOPRO STR 10POS GOLD CONN RECEPT MNN USB2.0 SPOS RI-45 Jack with internal transformer and LED CAP CER 11F SWX 7R 0805 CONN TEMM BLCCK 2POS SMM PCB FUSE PTC RESET 1.10A SMD 1812 IC ESD PROTECTION FOR HS S0T-666 VARISTOR TVS ESD 16/VDC1200A 2220 RES 1.00K OHM 1/16W 150 0402 SMD RES 1.00K OHM 1/16W 150 0402 SMD CAP CER 33PF 50V 50% NP0 0402 CAP SEGPF 50V CERAMIC X7R 0402 RES 33.0 OHM 1/16W 15% 0402 SMD	TDK Corporation TE Connectivity Hirose Electric Co Ltd Pulse Murata Electronics North America Phoenic Contact Bourns Inc. STMicroelectronics AVX Corporation Vishay Vishay Vishay Vishay TDK Corporation Kemet Vishay	C1005X7R1C104K0 2103308-1 UX60-M8-558 JX0011D218NL GRM218R71H105K MF-M5MF110/24X VSBLC5-2P6 VC15MA0150KBA CRCW0402100RK1 CRCW0402100RK1 CRCW0402100RK1 CRCW0402100RK1 CRCW0402100RK1 CRCW0402100RK1 CRCW0402100RK1 CRCW0402100RK1 CRCW0402100RK1 CRCW0402100RK1 CRCW0402100RK1 CRCW0402100RK1 CRCW0402100RK1 CRCW040233R0FK1
35 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	C108, C109, C100, C113, C117, C119, C120, C200, C203, C204, C205, C206, C207, C208, C206, C207, C208, C207, C210, C211, C212, C13, C214, C217, C301, C304, C305, C302, S204, C305, C304, S204, C305, C304, S204, C305, C304, S204, C305, C304, S204, C305, C304, S204, C305, C304, S205, S204, S205, S206, S207, S208, S208, S207, S208, S208, S207, S208, S208, S207, S208, S208, S211, C312, C308, C311, C312, C314, S207, S229, S224, S227, S218, S229, S207, S228, S229, S207, S228, S229, S207, S228, S229, S207, S228, S229, S207, S228, S229, S207, S228, S229, S207, S228, S229, S207, S208, S229, S207, S208, S229, S207, S208, S229, S207, S208, S229, S207, S208, S229, S207, S208, S229, S207, S228, S229, S207, S	capacitor	CAP X7R 0402 16V 5103308-1 UX60-M8-558 X0011D218NL CAP X7R 0805X05_51 1711026 M-MSMF110-24 USBLC6-2P6 VC15MA0160KBA RES_0402 RES_0402 RES_0402 RES_0402 CAP_NPC_0402_50V CAP_X7R_0402_50V CAP_X7R_0402_50V RES_0402	C0402L 5103308-1 UX60-M8-558 W0011 CAPC2012X14N 1711026 F1812N S071666 2220 R0402L R0402L R0402L C0402L C0402L R0402L R0402L R0402L R0402L	0.1uF IDC_D89 UX60-M8-S58 W0011D218NL 10uF 1711026 M-MSMF110/24X-2 USBLC2-276 VC15MA0150K8A 0.0 1.00K 10.0 100 33pF 560pF 33.0	0.1uF 1.0uF 1.1A 0.0 1.00K 1.00K 1.00K 1.00K 560pF	16V 50V 24V 50V	CAP CER 0.1UF 16V 10% X7R 0402 CONN HEADER LOPRO STR 10POS GOLD CONN RECEPT MINI UB22.0 SPOS B145 Jack with internal transformer and LED CAP CER 1UF 50V X7R 0805 CONN TERM BLOCK 2POS 5MM PCB B145 PIC RESET LIDAS MD 1812 IC ESD PROTECTION FOR HS 507.666 VARISTR TV5 ESD 16VDC1200A 2220 RES 100K OHM 1/16W 1% 0402 SMD BES 100K OHM 1/16W 1% 0402 SMD CAP CER 33PF 50V CERAMIC X7R 0402 CAP 560PF 50V CERAMIC X7R 0402 RES 33.0 OHM 1/16W 1% 0402 SMD CONN SODIMM DDR2 200POS FJA SMD	TDK Corporation TE Connectivity Hirose Blectric Co Ltd Pulse Murata Electronics North America Phoenix Contact Boums Inc. STMicroelectronics AVX Corporation Vishay Vishay Vishay TDK Corporation Kernet Vishay FCI	C1005X7R1C104K0 5103308-1 UX60-ME-SS8 JX0011D218NL GRM21B871H105K J711026 MF-MSMF11072AX USBLC6-2P6 VC15MA0160KBA CRCW04020000206 CRCW0402000RFK CRCW0402100RFK CRCW0402100RFK C1005C0G1H330J0 C0402C561K5RACT CRCW040233R0FKK
35 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	C108, C109, C110, C113, C117, C119, C120, C200, C203, C204, C205, C206, C207, C208, C209, C210, C211, C212, C113, C214, C215, C216, C217, C301, C304, C305, C306, C304, C305, C306, C304, C305, C306, C304, C305, C306, C304, C305, C306, C304, C305, C306, C307, C308, C307, C308, C308, C307, C308, C307, C308, C307, C308, C307, C308, C308, C307, C308, C308, C307, C308, C308, C307, C308, C308, C307, C308, C308, C307, C308, C308, C308, C307, C308,	capadtor general general capadtor general general general general resistor resistor resistor capadtor capadtor resistor resistor capadtor general general general capadtor	CAP X7R 0402 16V 5103308-1 UA60-M8-558 JA00110218N. CAP X7R 0805505 54 1711026 MF-MSMF110-24 USBLC6-2P6 VC15MA0160KBA RE5_0402 RE5_0402 RE5_0402 RE5_0402 CAP_X7R_0402_50V CAP_X7R_0400 CAP_X	CI402L 5103208-1 UX60-M8-558 JX0011 CAPC2012X14N 1711026 F1812N 507-666 2220 R0402L R0402L R0402L C0402L C0402L C0402L C0402L C0402L C0402L C0402L C0402L	0.1uF IDC D89 UX60-M8-SS8 JX00110218NL 10uF 1711026 MF-MSMF110/24X-2 VCISMA0160KBA 0.0 1.00K 100k 100k 100k 100k 100k 100k 100 33.0 MityOMAP Interface USE-AS-RA-TSMT	0.1uF 1.0uF 1.1A 0.0 1.00K 1.00K 1.00K 1.00K 560pF	16V 50V 24V 50V	CAP CER 0.1UF 16V 10% X7R 0402 CONN HEADER LOPRO STR 10905 GOLD CONN RECEPT MINI USB2.0 SPOS RI-45 Jack with internal transformer and LED CONN TERM BLOCK 2POS SMM PCB FUSE PTC RESET 1.10A SMD 1812 IC SD RROTECHO FOR HS S0T-666 VARISTOR TVS ESD 16VOCL200A 2220 RES 1.00K CHM 1/16W 1% 0402 SMD RES 1.00K CHM 1/16W 1% 0402 SMD CAP 560PF 50V CERAMIC X7R 0402 CAP 560PF 50V CERAMIC X7R 0402 RES 3.30 CHM 1/16W 1% 0402 SMD CONN SODIMM DDR2 200PCS R/A SMD CONN SODIMM DDR2 200PCS R/A SMD	TDK Corporation TE Connectivity Hirose Electric Co Ltd Pulse Murata Electronics North America Phoenic Contact Bourns Inc. STMicroelectronics AVX Corporation Vishay Vishay Vishay Vishay Vishay Vishay ToK Corporation Kernet Vishay Kernet Vishay Kenet	C1005X7R1C104K0 5103308.1 UX60-MB-SS8 JX0011D218NL GRV21BR71H105K MF-MSMF110/24X- VC15MA0160KBA CRCW04021000KBA CRCW04021000KB CRCW04021000KB CRCW04021000KB CRCW04021000KB CRCW04021000KB CRCW0402100KBA CRCW0402100KBA CRCW0402100KBA CRCW0402100KBA CRCW0402100KBA CRCW0402100KBA CRCW040210KBA CRCW040210KBA CRCW040210KBA CRCW040233R0FK3 1003385-02551L CRCW040233R0FK3 CRCW040233R0FK3 CRCW040233R0FK3 CRCW040233R0FK3 CRCW040233R0FK3 CRCW040233R0FK3 CRCW040233R0FK3 CRCW040233R0FK3 CRCW040233R0FK3 CRCW040233R0FK3 CRCW040233R0FK3 CRCW040233R0FK3 CRCW040233R0FK3 CRCW040233R0FK3 CRCW040238-02551L CRCW040238-025
35 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	C108, C109, C110, C113, C117, C119, C120, C200, C203, C204, C205, C206, C207, C208, C209, C210, C211, C212, C113, C214, C212, C113, C214, C217, C301, C304, C305, C302, J500, J502, J504 J100 C610 Keot Keot Keot Keot Keot Keot Keot Keot	capacitor general general capacitor general general general general general general general capacitor resistor capacitor capacitor capacitor capacitor capacitor capacitor capacitor general general general general	CAP, X7R, 0402, 16V 5103308-1 UK60-M8-558 JX00110218NL CAP, X7R, 0605X05,54 VC15MA0160KBA RES, 0402 RES, 0	C0402L 5103308-1 UX60-M8-S58 JX0011 CAPC2012X14N 1711026 F1812N 507-666 2220 R0402L R0402L R0402L R0402L C0402L C0402L C0402L C0402L C0402L US8-S-SR-TSMT VIBLSD1	0.luF IDC_009 UX60-M8-SS8 JX00110218NL 10uF J711026 MF-MSMF110/24X-2 USELG2-P6 VC15MA0160KBA 00 100K 100 330F 560pF 33.0 MityQMAP Interface USB A5-SR-TSMT USB A5-SS-45-SMT	0.1uF 1.0uF 1.0uF 1.1A 0.0 1.00K 10.0k 100 33pF 560pF 33.0	16V 50V 24V 50V	CAP CER 0.1UF 16V 10% X7R 0402 CONN HEADER LOPRO STR 10POS GOLD CONN RECEPT MIN USB20 SPOS RJ-53 Jack with internal transformer and LED CAP CER LIP SOV X7R 0805 CONN TERM BLOCK 2POS SMM PCB PUSE PTC RESET 1.10A SMD 1812 LES DR ROTECTION FOR HS S0T-666 VARISTOR TVS ESD 16VPC1200A 2220 RES 1.00K OHM 1/16W 150 0402 SMD RES 1.00K OHM 1/16W 150 0402 SMD CAP CER 33F S0V 5% NP0 0402 CAP S60FF S0V CERAMIC X7R 0402 RES 33.0 OHM 1/16W 150 0402 SMD CONN RCFT USB RT ANS SMD CONNERTER COLO 5W REG 0.75W	TDK Corporation TE Connectivity Hirose Electric Co Ltd Pulse Murata Electronics North America Phoenic Contact Bourns Inc. STMicroelectronics AVX Corporation Vishay Vishay Vishay Vishay TDK Corporation Kernet Vishay Cishay Cish	C1005X7R1C104K0 5103308-1 UK60-ME-558 JX00110218NL GRN218R71H105K MF-M5MF110/24X- VC15MA0150/KBA CRCW04021007FK CRCW04021007FK CRCW04021007FK CRCW04021007FK CRCW04021007FK CRCW04021007FK CRCW04023383-652FSLF USB-A-5-RA-TSMT J083383-652FSLF USB-A-5-RA-TSMT
35 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	C108, C109, C110, C113, C117, C119, C120, C200, C203, C204, C205, C206, C207, C208, C209, C210, C111, C212, C113, C214, C215, C216, C217, C301, C304, C305, C306, C304, C305, C306, C304, C305, C306, C304, C305, C306, C307, C308, C308, C307, C308, C307, C308, C308, C307, C308, C308, C307, C308, C308, C307, C308, C308, C308, C308, C307, C308, C308, C308, C307, C308,	capacitor general general capacitor general general general general general resistor resistor resistor capacitor capacitor capacitor general general general general general general general general general general general	CAP X7R, 0402, 16V \$103308-1 UX60-M8-558 JA00110218NL CAP X7R, 0805X05, 51 1711026 MF-MSMF110-24 USELC6-2P6 VC15MA0160KRA RE5, 0402 RE5, 0402 CAP, NPO, 0402, 50V CAP, X7R, 0402, 50V CAP	C0402L 5103308-1 UX60-M8-558 JX0011 CAP2012X14N Tr11026 F1812N 507-666 2220 R0402L R0402L R0402L R0402L C0402L C0402L C0402L C0402L C0402L C0402L I0033853-152F5LF U053853-152F5LF U053853-152F5LF U053853-152F5LF U0538-3-5548-T5MT VIBLSD1 R0402N	0.1uF IDC D89 UX60-MB.558 JX0011D218NL IOuF 1711026 MF-MSMF110/24X-2 WC1SMA0160KBA 0.0 100K	0 luF 10uF 1 luF 1 lA 0.0 1 00K 100K 100 33pF 560pF 33.0 1.00K	16V 50V 24V 50V	CAP CER 0.1UF 16V 10% X7R 0402 CONN HEADER LOPRO STR 10POS GOLD CONN RECEPT MINI US82.0 SPOS RI-45 Jack with internal transformer and LED CAP CER 116 SWX 7R 0805 CONN TERM BLOCK 2POS SMM PCB FUSE PTC REST 11.0A SMD 1812 IC ESD RROTECTION FOR HS S0T-666 VARISTOR TVS ESD 16VDC1200A 2220 RES 0.0 OHM 1/16W 1% 0402 SMD RES 100K OHM 1/16W 1% 0402 SMD RES 100K OHM 1/16W 1% 0402 SMD CAP CER 33PS 00JM W 1% 0402 SMD CAP S60PF S0V CERAMIC X7R 0402 CAP 560PF S0V CERAMIC X7R 0402 CONN SCH USR TANG SMD CONNERS 00JMM DIR2 200POS RA/ SMD CONNERS 00JMM 1/16W 1% 0402 SMD	TDK Corporation TE Connectivity Hrose Electric Co Ltd Pute Murata Electronics North America Pioenic Contact Bourns Inc. STMicroelectronics AVX Corporation Vishay Vishay Vishay Vishay Vishay TDK Corporation Kemet Vishav Ecl Multicomp Cul Inc Vishay Dale	C1005X7R1C104K0 5103308-1 UX60-MB-558 JX0011D218NL GRM218R71H105K MF-M5MF110/24X- WSBLC6-2P6 VC15MA0160KBA CRCW04021000FK6 CRCW04021000FK6 CRCW04021000FK6 CRCW04021000FK6 CRCW0402100FK6 CRCW0400FK6 CRCW0400FK6 CRCW0400FK6 CRCW0400FK6 CRCW040FK6 CRCW040FK6 CRCW0
35 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	C108, C109, C110, C113, C117, C119, C120, C200, C203, C204, C205, C206, C207, C208, C209, C210, C211, C212, C113, C214, C212, C113, C214, C217, C301, C304, C305, C302, J500, J502, J504 J100 C610 Keot Keot Keot Keot Keot Keot Keot Keot	capacitor general general capacitor general general general general general general general capacitor resistor capacitor capacitor capacitor capacitor capacitor capacitor capacitor general general general general	CAP, X7R, 0402, 16V 5103308-1 UK60-M8-558 JX00110218NL CAP, X7R, 0605X05,54 VC15MA0160KBA RES, 0402 RES, 0	C0402L 5103308-1 UX60-M8-558 JX0011 CAP2012X14N Tr11026 F1812N 507-666 2220 R0402L R0402L R0402L R0402L C0402L C0402L C0402L C0402L C0402L C0402L I0033853-152F5LF U033853-152F5LF U033853-152F5LF U033853-152F5LF U033853-152F5LF U033853-152F5LF U033853-152F5LF U033853-152F5LF U033853-152F5LF U033853-152F5LF U033853-152F5LF U033853-152F5LF U033853-152F5LF U033853-152F5LF U033853-152F5LF U033853-152F5LF U03385-152F5 U03385-1	0.luF IDC_009 UX60-M8-SS8 JX00110218NL 10uF J711026 MF-MSMF110/24X-2 USELG2-P6 VC15MA0160KBA 00 100K 100 330F 560pF 33.0 MityQMAP Interface USB A5-SR-TSMT USB A5-SS-45-SMT	0 luF 10uF 1 luF 1 lA 0.0 1 00K 100K 100 33pF 560pF 33.0 1.00K	16V 50V 24V 50V	CAP CER 0.1UF 16V 10% X7R 0402 CONN HEADER LOPRO STR 10POS GOLD CONN RECEPT MIN USB20 SPOS RJ-53 Jack with internal transformer and LED CAP CER LIP SOV X7R 0805 CONN TERM BLOCK 2POS SMM PCB PUSE PTC RESET 1.10A SMD 1812 LIC SD PROTECTION FOR HS S0T-666 VARISTOR TVS ESD 16VPC1200A 2220 RES 1.00K OHM 1/16W 150 0402 SMD RES 1.00K OHM 1/16W 150 0402 SMD CAP CER 33F S0V 5% NP0 0402 CAP S60FF S0V CERAMIC X7R 0402 RES 33.0 OHM 1/16W 150 0402 SMD CONN RCFT USB RT ANS SMD CONNERTER COCE 50 KEG 0.75W	TDK Corporation TE Connectivity Hirose Electric Co Ltd Pulse Murata Electronics North America Phoenic Contact Bourns Inc. STMicroelectronics AVX Corporation Vishay Vishay Vishay Vishay TDK Corporation Kernet Vishay Cishay Cish	C1005X7R1C104K0 5103308-1 UX60-MB-558 JX0011D218NL GRN218R91H105K MF-MSMF110724X WSBLC6-2P6 VC15MA0160KBA CRCW04021006R4 CRCW04021006R4 CRCW04021006R4 CRCW04021006R4 CRCW04021006R4 D1052051H3300 C0402C561K5RACT J003383-05275L U03583-5283-525 U03583-5283-525 U03583-5283-525 U03583-5283-525 U03583-5283-525 CRCW04021X00FK1 U03383-05250 CRCW04021X00FK1 VIBL50-1512-555
35 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	C108, C109, C110, C113, C117, C119, C120, C200, C203, C204, C205, C206, C207, C208, C209, C210, C111, C212, C113, C214, C215, C216, C217, C301, C304, C305, C306, C304, C305, C306, C304, C305, C306, C304, C305, C306, C307, C308, C308, C307, C308, C307, C308, C308, C307, C308, C308, C307, C308, C308, C307, C308, C308, C308, C308, C307, C308, C308, C308, C307, C308,	capacitor general general capacitor general general general general general resistor resistor resistor capacitor capacitor capacitor general general general general general general general general general general general	CAP X7R, 0402, 16V \$103308-1 UX60-M8-558 JA00110218NL CAP X7R, 0805X05, 51 1711026 MF-MSMF110-24 USELC6-2P6 VC15MA0160KRA RE5, 0402 RE5, 0402 CAP, NPO, 0402, 50V CAP, X7R, 0402, 50V CAP	C0402L 5103308-1 UX60-M8-558 JX0011 CAP2012X14N Tr11026 F1812N 507-666 2220 R0402L R0402L R0402L R0402L C0402L C0402L C0402L C0402L C0402L C0402L I0033853-152F5LF U033853-152F5LF U033853-152F5LF U033853-152F5LF U033853-152F5LF U033853-152F5LF U033853-152F5LF U033853-152F5LF U033853-152F5LF U033853-152F5LF U033853-152F5LF U033853-152F5LF U033853-152F5LF U033853-152F5LF U033853-152F5LF U033853-152F5LF U03385-152F5 U03385-1	0.1uF IDC D89 UX60-MB.558 JX0011D218NL IOuF 1711026 MF-MSMF110/24X-2 WC1SMA0160KBA 0.0 100K	0 luF 10uF 1 luF 1 lA 0.0 1 00K 100K 100 33pF 560pF 33.0 1.00K	16V 50V 24V 50V	CAP CER 0.1UF 16V 10% X7R 0402 CONN HEADER LOPRO STR 10POS GOLD CONN RECEPT MINI US82.0 SPOS RI-45 Jack with internal transformer and LED CAP CER 116 SWX 7R 0805 CONN TERM BLOCK 2POS SMM PCB FUSE PTC REST 11.0A SMD 1812 IC ESD RROTECTION FOR HS S0T-666 VARISTOR TVS ESD 16VDC1200A 2220 RES 0.0 OHM 1/16W 1% 0402 SMD RES 100K OHM 1/16W 1% 0402 SMD RES 100K OHM 1/16W 1% 0402 SMD CAP CER 33PS 00JM W 1% 0402 SMD CAP S60PF S0V CERAMIC X7R 0402 CAP 560PF S0V CERAMIC X7R 0402 CONN SCH USR TANG SMD CONNERS 00JMM DIR2 200POS RA/ SMD CONNERS 00JMM 1/16W 1% 0402 SMD	TDK Corporation TE Connectivity Hrose Electric Co Ltd Pute Murata Electronics North America Pioenic Contact Bourns Inc. STMicroelectronics AVX Corporation Vishay Vishay Vishay Vishay Vishay TDK Corporation Kemet Vishav Ecl Multicomp Cul Inc Vishay Dale	C1005X7R1C104K0 5103308-1 UX60-MB-558 JX0011D218NL GRU21BR71H1058 MF-MSMF110/24X WSBLC6-2P6 VC15MA0160KBA CRCW0402100RK CRCW0402100RK CRCW0402100RK CRCW0402100RK CRCW0402100RK CRCW0402100RK CRCW0402100RK CRCW0402100RK CRCW0402100RK CRCW0402100RK CRCW0402100RK CRCW0402100RK
35 3 1 1 1 1 1 4 4 2 2 1 1 1 1 1 1 1 1 1 1 1	C108, C109, C110, C113, C117, C119, C120, C200, C203, C204, C205, C206, C207, C208, C209, C210, C211, C212, C213, C214, C215, C216, C217, C301, C304, C305, C304, C304, C305, C304, C305, C307, R508, R509, R500, R502, R504, R505, R504, R505, R505, R505, R505, R505, R505, R505, R505, R505, R505, R505, R505,	capacitor general general capacitor general general general general general resistor resistor resistor capacitor capacitor capacitor general general general general general general general general general general general	CAP X7R, 0402, 16V \$103308-1 UX60-M8-558 JA00110218NL CAP X7R, 0805X05, 51 1711026 MF-MSMF110-24 USELC6-2P6 VC15MA0160KRA RE5, 0402 RE5, 0402 CAP, NPO, 0402, 50V CAP, X7R, 0402, 50V CAP	C0402L 5103308-1 UX60-M8-558 JX0011 CAP2012X14N Tr11026 F1812N 507-666 2220 R0402L R0402L R0402L R0402L C0402L C0402L C0402L C0402L C0402L C0402L I0033853-152F5LF U033853-152F5LF U033853-152F5LF U033853-152F5LF U033853-152F5LF U033853-152F5LF U033853-152F5LF U033853-152F5LF U033853-152F5LF U033853-152F5LF U033853-152F5LF U033853-152F5LF U033853-152F5LF U033853-152F5LF U033853-152F5LF U033853-152F5LF U03385-152F5 U03385-152F5 U03585-1	0.1uF IDC D89 UX60-MB.558 JX0011D218NL IOuF 1711026 MF-MSMF110/24X-2 WC1SMA0160KBA 0.0 100K	0 luF 10uF 1 luF 1 lA 0.0 1 00K 100K 100 33pF 560pF 33.0 1.00K	16V 50V 24V 50V	CAP CER 0.1UF 16V 10% X7R 0402 CONN HEADER LOPRO STR 10POS GOLD CONN RECEPT MINI US82.0 SPOS RI-45 Jack with internal transformer and LED CAP CER 116 SWX 7R 0805 CONN TERM BLOCK 2POS SMM PCB FUSE PTC REST 11.0A SMD 1812 IC ESD RROTECTION FOR HS S0T-666 VARISTOR TVS ESD 16VDC1200A 2220 RES 0.0 OHM 1/16W 1% 0402 SMD RES 100K OHM 1/16W 1% 0402 SMD RES 100K OHM 1/16W 1% 0402 SMD CAP CER 33PS 00JM W 1% 0402 SMD CAP S60PF S0V CERAMIC X7R 0402 CAP 560PF S0V CERAMIC X7R 0402 CONN SCH USR TANG SMD CONNERS 00JMM DIR2 200POS RA/ SMD CONNERS 00JMM 1/16W 1% 0402 SMD	TDK Corporation TE Connectivity Hrose Electric Co Ltd Pute Murata Electronics North America Pioenic Contact Bourns Inc. STMicroelectronics AVX Corporation Vishay Vishay Vishay Vishay Vishay TDK Corporation Kemet Vishav Ecl Multicomp Cul Inc Vishay Dale	C1005X7R1C104K0 5103308-1 UX60-ME-SS8 JX0011D218NL GRM21B871H105K J711026 MF-MSMF11072AX USBLC6-2P6 VC15MA0160KBA CRCW04020000206 CRCW0402000RFK CRCW0402100RFK CRCW0402100RFK C1005C0G1H330J0 C0402C561K5RACT CRCW040233R0FKK

C302, C402, C405,									
C505, C506, C507,									
9 C508, C614, C901	capacitor	CAP_X7R_0603_25V	C0603N	1.0uF	1.0uF	25V	CAP CER 1UF 25V 10% X7R 0603	TDK Corporation	CGA3E1X7R1E105K080AC
1 U505	general	SM712TCT	SOT-23-3	SM712.TCT			IC TVS ASYMM RS-485V 7/12V SOT23	Semtech	SM712.TCT
1 R502	resistor	RES_1206	R1206N	120	120		RES 120 OHM 1/4W 1% 1206 SMD	Yageo	RC1206FR-07120RL
3 R400, R401, R402	resistor	RES_0603	R0603N	510	510		RES 510 OHM 1/10W 1% 0603 SMD	Vishay Dale	CRCW0603510RFKEA
2 C309, C313	capacitor	CAP_X7R_0402_50V	C0402N	1800pF	1800pF	50V	CAP CER 1800PF 50V 10% X7R 0402	Murata Electronics North America	GRM155R71H182KA01D
1 Q100	general	2N7002ET1G	SOT-23-3	2N7002ET1G			MOSFET N-CH 60V 260MA SOT-23	On Semiconductor	2N7002ET1G
1 U12	general	TLV803SDBZR	SOT-23-3	TLV803SDBZR			IC VOLT SUPERVISR 2.93V SOT23-3	Texas Instruments	TLV803SDBZR
1 PN-PCB1	general	PN-PCB		90-000107R-4 RevA	90-000107R-4 RevA		PCB - MitvOMAP Industrial IO	Critical Link LLC	90-000107R-4

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