OBD2 connector	Description	Designator Conn1	Quantity	Manufacturer Part Number 1 OBD 12V	Supplier Part Number 1 OBD 12V pin-reversed	Manufacturer 2	Manufacturer Part Number 2	Supplier Part Nun
LDO SON-PKG	1-A, low-IQ, high-accuracy, low-dropout voltage regulator with enable 6-WSON -40 to 125	IC4		TLV75740PDRVR	595-TLV75740PDRVR			
red 10p	AVAGO TECHNOLOGIES - HSMS-C190 - LED, RED, 10MCD, 626NM AVX - 04025A100JAT2A - SMD Multilayer Ceramic Capacitor, 10 pF, 50 V,	LED2 C28, C30		HSMS-C190 04025A1003AT2A/10K	630-HSMS-C190 581-04025A100J			
100n	0402 [1005 Metric], ± 5%, C0G / NP0, AVX 0402 MLCC CAP CER 0.1UF 16V X7R 0402	C1. C35. C36	3	GRM155R71C104KA88D	81-GRM155R71C104KA88			
100n 51p	CAP CER 0.1UF 50V X5R 0402 CAP CER 51PF 50V COG/NP0 0402	C5, C20, C26, C37 C6	- 4	C1005X5R1H104K050BB GRM1555C1H510JA01D	810-C1005X5R1H104K 81-GRM1555C1H510JA1D			
560p	CAP CER 51PF 50V COG/NPO 0402 CAP CER 560PF 50V X7R 0402	C33, C34	2	CC0402KRX7R9BB561	603-CC402KRX7R9BB561			
4.7u 8p	Cap Ceramic 4.7uF 25V X5R 20% SMD 0603 85°C Paper T/R Cap Ceramic 8pF 50V C0G 1% SMD 0402 125C Paper T/R	C2, C3, C4 C18, C19	3	TMK107BBJ475MA-T GCM1555C1H8R0FA16D	963-TMK107BBJ475MA-T 81-GCM1555C1H8R0FA6D			
12MHz	Crystal 12MHz ±10ppm (Tol) ±15ppm (Stability) 10pF FUND 1300hm 4- Pin Mini-CSMD T/R	XTAL2	1	ECS-120-10-36B-CWY-TR	520-120-10-36B-CWYT			
16MHz	Crystal 16MHz ±100ppm (Tol) ±100ppm (Stability) 8pF 1000hm Automotive 2-Pin SMD T/R	XTAL1	1	XRCHA16M000F0A12R0	81-XRCHA16M000F0A120			
schottky 0.35V @10mA	Diode Schottky 30V 0.2A 3-Pin SOT-23 T/R	D1		BAT54CLT1G	863-BAT54CLT1G			
Schottkv	Diode Schottkv 100V 0.15A 2Pin SOD123 DMPH6250SQ Series 60 V 2.4 A P-Channel Enhancement Mode Mosfet -	D2		BAT46W-7-F	621-BAT46W-7-F			
Pmos enhancement	SOT-23-3	M1		PMV240SPR	771-PMV240SPR	Diodes	DMPH6250SQ-7	
Header 2 Header 3	Header, 2-Pin Header, 3-Pin	P3 P1, P5		not mounted solo uno da montare				
Header 5	Header. 5-Pin	P2. P4	2	77311-101-05LF	649-77311-101-05LF			
CAN driver	IC CAN TRANSEIVER HS 8SOIC	IC7	1	TCAN1051VDQ1	595-TCAN1051VDQ1	NXP Semiconductors	TJF1051T/3,118	
battery manager	IC CONTROLLER LI-ION 4.2V 8DFN	IC3		MCP73831T-2ACI/MC	MCP73831T-2ACI/MCDKR-ND			
ARM LDO 3.3V	IC MCU 32BIT 64KB FLASH 48LQFP IC RFG LIN 3.3V 150MA SOT23R-3	IC6 IC8		LPC1517JBD48E AP7313-33SRG-7	771-LPC1517JBD48E 621-AP7313-33SRG-7			
5V	IC REG LIN 3.3V 150MA SOT23R-3 IC REG LINEAR 5V 100MA SOT23-3	IC9		TLV76050DBZT	595-TLV76050DBZT			
4.7u	Inductor Power Shielded Wirewound 4.7uH 20% 100KHz 2.2A 90mOhm DCR 1515 T/R	L1	1	IFSC1515AHER4R7M01	70-IFSC1515AHER4R7M0			
Yellow	LED, YELLOW, 8MCD, 586NM; LED Colour:Yellow; Bulb Size:-; Wavelength Typ:586nm; Forward Voltage:2.1V; Forward Current If:20mA; Luminous Intensity:8mcd; LED Mounting:5MD; Lens Shape:Rectangular; Viewing Angle:170 ; Packaging:Cut Tape;;RoHS Compliant: Yes	LED3	1	HSMY-C190	630-HSMY-C190			
	LIN Transceiver with Integrated Vreg 5V 20kBd Automotive 8-Pin SOIC N	U1		MCP2021-500E/SN	579-MCP2021-500E/SN			
atmega 1284p-mu 2.2u	MCU 8-bit ATmega AVR RISC 128KB Flash 2.5V/3.3V/5V 44-Pin VQFN EP Multilaver Ceramic Capacitor 2.2uF 25V 10% 0402 Paper T/R	IC5 C12		ATMEGA1284P-MU TMK105CBJ225KV-F	556-ATMEGA1284P-MU 963-TMK105CB3225KV-F			
10u	Multi-Layer Ceramic Capacitor 10uF X5R 20% 0402 Paper T/R	C29		ZRB15XR61A106ME01D	81-ZRB15XR61A106ME1D	Murata	GRM155R60J106ME05J	
4.7n	Multilayer Ceramic Capacitors MLCC - SMD/SMT Multilayer Ceramic Capacitors MLCC - SMD/SMT 1206 47uF 10Vdc X5R +/-	C10 C7		GRM155R71H472JA01J	81-GRM155R71H472JA1J			
47u	10% MURATA - GRM155R60J475ME87D - SMD Multilayer Ceramic Capacitor,	C7 C9	1	GRM31CR61A476KE15L	81-GRM31CR61A476KE5L			
4.7u Pmos	4.7 μF, 6.3 V, 0402 [1005 Metric], ± 20%, X5R, GRM Series On a Reel of 3000, P-Channel MOSFET, 130 mA, 50 V, 3-Pin SOT-23 ON	05		GRM155R60J475ME87D BVSS84LT1G	81-GRM155R603475ME8D 863-BVSS84LT1G	ON Semiconductor	BSS84LT1G	
BJT	Semiconductor BSS84LT1G ON SEMICONDUCTOR BC850CLT1G BIPOLAR TRANSISTOR, NPN, 45V	Q1, Q3, Q4		BC850CLT1G	863-BC850CLT1G	o. Semiconadetoi	5550 121 10	
zener 10V	SOT-23 ON SEMICONDUCTOR - BZX84C10LT1G - Zener Single Diode, 10 V, 225	Z1		BZX84C10LT1G	863-BZX84C10LT1G			
	mW, SOT-23, 6 %, 3 Pins, 150 °C ON SEMICONDUCTOR - MM3Z3V9ST1G - Zener Single Diode, 3.9 V, 300	72		MM3Z3V9ST1G	863-MM3Z3V9ST1G			
zener 3.9V	mW, SOD-323, 5 %, 2 Pins, 150 °C					Danas and	FD1 2D1/F2201V	CC3 FD: 20:
3.3k	PANASONIC - ERJ2RKF3301X - RES, 3K3, 1%, 0.1W, 0402, THICK FILM P-Channel 12 V 31 mOhm Surface Mount Enhancement Mode Mosfet -	R26, R27		RC0402FR-073K3L	603-RC0402FR-073K3L	Panasonic	ERJ-2RKF3301X	667-ERJ-2RKF3
Pmos 1.3M	SOT-23-3 RES SMD 1.3M OHM 1% 1/16W 0402	M2, M3		DMP1045U-7 AC0402FR-071M3L	621-DMP1045U-7 603-AC0402FR-071M3L	Vishav	CRCW04021M30FKED	71-CRCW0402-
1.3M 18.7k	RES SMD 18.7K OHM 1% 1/16W 0402	R4		CR0402-FX-1872GLF	652-CR0402-FX1872GLF	v iol ldy	CNCWU9UZIMOUFKEU	/ 1-CRCW0402-
100 150	RES SMD 100 OHM 0.5% 1/16W 0402 RES SMD 150 OHM 1% 1/10W 0402	R33, R34 R12		ERJ-2RHD1000X ERJ-2RKF1500X	667-ERJ-2RHD1000X 667-ERJ-2RKF1500X			
2.4k	Res Thick Film 0402 2.4K Ohm 1% 0.063W(1/16W) ±100ppm/C Epoxy	R12		RC0402FR-072K4L	603-RC0402FR-072K4L	Panasonic	ERJ-2RKF2401X	667-ERJ-2RKF24
	Pad SMD T/R Res Thick Film 0402 4.7K Ohm 1% 1/10W ±100ppm/°C Molded SMD							SST-LINEZRAFZE
4.7k	Res Thick Film 0402 4.7K Ohm 1% 1/10W A±100ppm/A*C Moided SMD SMD Punched Carrier T/R Res Thick Film 0402 10K Ohm 1% 1/16W ±100ppm/°C Molded SMD	R13, R17, R18, R21		MCS04020C4701FE000	594-MCS04020C4701FE0	Panasonic	ERJ-2RKF4701X	
10k	Paper T/R Res Thick Film 0402 39K Ohm 0.5% 0.063W(1/16W) ±50ppm/C Molded	R7, R15, R37, R43	4	CRCW0402-10K0FKED	71-CRCW0402-10K-E3			
39k	SMD Automotive Punched T/R	R11		ERJ2RHD3902X	667-ERJ-2RHD3902X			
88.7k	Res Thick Film 0402 88.7K Ohm 1% 0.063W(1/16W) ±100ppm/C Molded SMD Paper Tape on Plastic Reel	R2	1	CR0402-FX-8872GLF	652-CR0402-FX8872GLF			
100k	Res Thick Film 0402 100K Ohm 1% 1/16W 100ppm/C Molded SMD Paper T/R	R9	1	CRCW0402100KFKTD	71-CRCW0402-100K	Vishay	CRCW0402100KFKED	
120k	1/R Res Thick Film 0402 120K Ohm 0.5% 0.063W(1/16W) ±100ppm/C Molded SMD Automotive Punched T/R	R10	1	ERJ2RKD1203X	667-ERJ-2RKD1203X	•		
330	Res Thick Film 0402 330 Ohm 1% 0.063W(1/16W) ±100ppm/C Pad SMD T/R	R40, R41	2	RC0402FR-07330RL	603-RC0402FR-07330RL			
510	Res Thick Film 0402 510 Ohm 1% 0.063W(1/16W) ±100ppm/C Pad SMD	R32	,	CRCW0402510RFKEDC	71-CRCW0402510RFKEDC			
0	T/R Res Thick Film 0805 0 Ohm Epoxy Pad SMD T/R	R38, R39		RC0805FR-070RL	603-RC0805FR-070RL			
10k	RES, THICK FILM, 10K, 1%, 0.1W, 0402, REEL; Product Range:AEC-Q200 ERJ Series; Resistance:10kohm; Power Rating:100mW; Resistance Tolerance: 1%; Voltage Rating:50V; Resistor Case Style:0402 [1005	R28, R29, R30, R31, R36		ERJ-U02F1002X	667-ERJ-U02F1002X			
	Metric]; Packaging:Tape & Reel; MSL:-:RoHS Compliant: Yes							
	Metrici; Packaqinq:Tape & Reel; MSL:-;ROHS Compliant: Yes RESISTOR, 0402, 18K, 1%, FULL REEL; Product Range:VISHAY - AEC- Q200 CRCW Series; Resistance:18kohm; Power Rating:63mW; Resistance Tolerance:± 1%; Resistor Case Style:0402 [1005 Metric]; Resistor Element	R8	1	CRCW040218K0FKED	71-CRCW0402-18K-E3			
18k	Metric; Packaoinc;Tape & Reel; MSL:;RohS Compilant: Yes RESISTOR, 0402, JBK, 196; Full LREB; Product Ranger/LSHAY - AEC- Q200 CRCW Series; Resistance: 18tohm; Power Ratings.53mW; Resistance Orlerance: ± 19c; Resistor Case Style-0402 [1005 Metric; Resistor Element Material:Thick Film: :8cHS Compilant: Yes Resistor, Thick Film: 221. Kilohms; 0.063 W; 19c; SMT; 0402; TCR	R8		CRCW040218K0FKED CRCW040222K1FKED	71-CRCW0402-18K-E3 71-CRCW0402-22.1K-E3			
18k 22.1k	Metricl: Packanina:Tape & Reel; MSL::7,80HS Compliant: Yes RESISTOR, 0402, 18K, 196, FILL REEL; Product Range:VISHAY - AEC- Q200 CRCW Series; Resistance:18kohm; Power Rating:63mW; Resistance Tolerance:±196, Resistor Case Style:0402 [1005 Metric]; Resistor Element Material:Thick film::RoHS Compliant: Yes		1					
18k 22.1k 47k	Metrici: Parkaginar-Tape & Regl: MSL::-RoHS Complaint: Yes RESISTOR, 0402; JBR. 198, FULR IEEE, Product Ranger-VISHAY - AEC- Q200 CRCW Series; Resistance: Bislohm; Power Rating;53mW; Resistance Tolerance: 11% Resistor Case Style-0402 (1005 Metric); Resistor Elemen Material: Thek Film: 32HS Corrollate: Yes Resistor; Thek Film: 22.1 Riolbms; 0.063 W; 1%; SHT; 0402; TCR 37 sont); Film: 47 Riolbms; 0.063 W; 1%; SMT; 0402; TCR 37 sont); Decir. SMSUNG ELECTRO-MECHANICS: C.1104.225(PRINNIC: SMD Multilayer Carmic Capacito; 2.2 Lif. FJ. 10% 603 (1608 Metric); 1.0%, XSR CLI.	R6 R14, R16, R20, R22,	1	CRCW040222K1FKED	71-CRCW0402-22.1K-E3			
18k 22.1k 47k 2.2u	Metrici: Packaginar:Tape & Regl: MSL::;RoHS Complaint: Yes RESISTOR, 4002, 188, 198, FULR IEER; Product Ranger/SINHAY - AEC- Q200 CRCW Series; Resistance: 18kohm; Power Rating;63mW; Resistance Tolerance: 189, Resistor Case Style-002 (1005 Metric); Resistor Element Material: Thick Film:: RoHS Comoliant: Yes Resistor, Thick Film; 22.1 Kilohms; 0.063 W; 1%; SMT; 0402; TCR: 37 pm/Desc; TR. Resistor, Thick Film; 47 Kilohms; 0.063 W; 1%; SMT; 0402; TCR: 37 pm/Desc; SMSLMSH; Film; 47 Kilohms; 0.063 W; 1%; SMT; 0402; TCR: 37 pm/Desc; SMSLMSH; SMSL	R6 R14, R16, R20, R22, R35	5	CRCW040222K1FKED CRCW040247K0FKED	71-CRCW0402-22.1K-E3 71-CRCW0402-47K-E3			
22.1k 47k 22.2u 02SSL20L	Metrici: Packaginar-Tape & Regi: MSL:-;RoHS Complaint: Yes RESISTOR, 4002, 188, 198, FULR IEER, Product Range/SINHAY - AEC- Q200 CRCW Series; Resistance: 18kohrn; Power Rating;63mW; Resistance Tolerance: 189, Resistor Case Style-002 (1005 Metric); Resistor Element Material: Thick Film:: RoHS Comoliant: Yes Resistor; Thick Film; 22.1 Kilohrns; 0.063 W; 196, SMT; 0402; TCR 37 pmr/Deac; TR Resistor; Thick Film; 47 Kilohrns; 0.063 W; 196, SMT; 0402; TCR 37 pmr/Deac; SMSLMS (1005 Metric); 100 Metric); 100 Multilayer Ceramic Capacitor, 22 UF, 10 V, 0603 (1608 Metric); 1 1096, SSR, CL SCHOTTRY DIODE https://leuronescom/dasbates/12/43/G2sS201- 02ss400-1107799.0df	R6 R14, R16, R20, R22, R35 C8	1 1	CRCW040222K1FKED CRCW040247K0FKED CL10A225KP8NNNC RB161MM-20TR	71-CRCW0402-22.1K-E3 71-CRCW0402-47K-E3 187-CL10A225KP8NNNC 755-RB161MM-20TR			
18k 22.1k 47k 2.2u 02SSL20L DC/DC	Metrici: Parkaginar-Tape & Reel; MSL::;RoHS Complaint: Yes RESISTOR, 0402; JBR. 198, FULR LER; Product Range-VISHAY - AEC- Q200 CRCW Series; Resistance: 18tohm; Power Rating-SamW; Resistance Tolerance: 18; Resistor Case Style-002 (1005 Metric); Resistor Element Material: Thek Film: 30HS Corrollaint: Yes Resistor; Thek Film; 22.1 Kiloms; 0.063 W; 1%; SMT; 0402; TCR 37 27 gam/Desic. TR. 1000 Metric; 10	R6 R14, R16, R20, R22, R35 C8 D3 IC1 C11, C13, C14, C15, C16, C17, C22, C23, C24, C25, C27, C31,	1 1 1	CRCW040222K1FKED CRCW040247K0FKED CL10A225KP8NNNC	71-CRCW0402-22.1K-E3 71-CRCW0402-47K-E3 187-CL10A225KP8NNNC			
18k 22.1k 47k 2.2u 02SSL20L DC/DC	Metrici: PackaginarTape & Regi: MSL:-;RoHS Complaint: Yes RESISTOR, 4002, 188, 198, FULR IEER, Product Range/SINHAY - AEC- Q200 CRCW Series; Resistance: 18kohrn; Power Rating;63mW; Resistance Tolerance: 189, Resistor Case Style-002 (1005 Metric); Resistor Element Material: Thick Film:: RoHS Comoliant: Yes Resistor, Thick Film; 22.1 kilohrns; 0.063 W; 1%; SMT; 0402; TCR: 37 JORN/Desc; TR Resistor, Thick Film; 47 kilohrns; 0.063 W; 1%; SMT; 0402; TCR: 37 JORN/Desc; SAMSUNG ELECTRO-MECHANICS - CL10A225KPBNNNC - SMD Multilayer Ceramic Capacitor, 22 UF, 10 V, 0603 (1608 Metric), ± 10%, SSR; CL SCHOTTRY DIODE https://leunousecom/datashevet//345/02s3201- 02ss400-1107799.0df SIMPLE SWITCHERR, 36-V, 1.5-A Synchronous Step-Down Converter 12- SON -40 to 125 TAIYO YUDEN - EMKLOSBI 105KVHF - CAPACITOR, CREAMIC, 6402, 164 V,SR; I, 10% ROHS COMPLIANT: YES TOK	R6 R14, R16, R20, R22, R35 C8 D3 IC1 C11, C13, C14, C15, C16, C17, C22, C23, C24, C25, C27, C31, C32, C38	11 11 114	CRCW040222K1FKED CRCW040247K0FKED CL104225KP8NNNC R8161MM-20TR LWR23615DRRR EMK105B3105KVHF	71-CRCW0402-22.1K-E3 71-CRCW0402-47K-E3 187-CL10A225KP8NNNC 755-R8161MM-20TR 595-LMR23615DRRR 963-EMK1058J105KVHF			
18k 22.1k 47k 2.2u 02SSL20L DC/DC 1u	Metrici; PackaginarTape & Regi; MSL:-;RoHS Complaint; Yes RESISTOR, 4002, 188, 198, FULR IEER; Product Range;VISHAY - AEC- Q200 CRCW Series; Resistance: 18kohrn; Power Rating;63mW; Resistance Tolerance: 189, Resistor Case Style-002 (1005 Metric); Resistor Element Material: Thick Film:: RoHS Comoliant; Yes Resistor, Thick Film; 22.1 kilohrns; 0.063 W; 1%; SMT; 0402; TCR: 37 JORNIDOSC; TR Resistor, Thick Film; 47 kilohrns; 0.063 W; 1%; SMT; 0402; TCR: 37 JORNIDOSC; SAMSUNG ELECTRO-MECHANICS - C.L104225KPBNNNC - SMD Multilayer Ceramic Capacitor, 2.2 UF, 10 V, 0603 (1608 Metric), ± 10%, SSR; CL SCHOTTRY DIODE https://leunosco.com/datashete/2/345/02s820i- D28s460-1107799.0df SIMPLE SWITCHER9, 36-V, 1.5-A Synchronous Step-Down Converter 12- SON -40 to 125 TAIYO YUDEN - EMKIOSBI 105KVHF - CAPACITOR, CREAMIC, 0402, 164 V,SR; I, 10% ROHS COMPLIANT: YES TOK _ C1608XSR1A106K0800AC.	R6 R14, R16, R20, R22, R35 C8 D3 IC1 C11, C13, C14, C15, C16, C17, C22, C23, C24, C25, C27, C31,	11 11 14	CRCW040222K1FKED CRCW040247K0FKED CL10A225KP8NNNC RB161MM-20TR LMR23615DRRR	71-CRCW0402-22.1K-E3 71-CRCW0402-47K-E3 187-CL10A225KP8NNNC 755-RB161MM-20TR 595-LMR23615DRRR	TE Connectivity	CRG0402F5K6	
18k 22.1k 47k 2.2u 02SSL20L DC/DC 1u 10u 5.6k	Metricit; PaskadinarTane & Reel; MSL::;RoHS Complaint; Yes RESISTOR, 4002, Iss. 19, FLUIL REEL; Product Ranger/SIHAY - AEC- Q200 CRCW Series; Resistance: 18tohn; Power Rating;53mW; Resistance Tolerance: 1-18; Resistor Case Style-4002 (1005 Metric); Resistor Dement Material: Thick Film; Resist Complaint; Yes Resistor; Thick Film; 22.1 Kilohns; 0.063 W; 1%; SMT; 0402; TCR 37 37 ppm/DesC; TR SMSIND; MSC CTRO MECHANICS: -0.1L0A.255(PRINNO: -9MD Multiluyer SMSIND; MSC CTRO MECHANICS: -0.1L0A.255(PRINNO: -9MD Multiluyer CONSTITUTION OF THE CONTROL OF THE CONTRO	R6 R14, R16, R20, R22, R35 C8 D3 IC1 C11, C13, C14, C15, C16, C17, C22, C23, C24, C25, C27, C31, C32, C38 C21	11 11 14	CRCW040222K1FRED CRCW040247K0FRED CL104225K9RNNNC RB161MM-20TR LMR236150RRR EMK105B3105KVHF C1608X5R1A106K080AC ER-2RKF5601X LM33330	71-CRCW0402-22.1K-E3 71-CRCW0402-47K-E3 187-CL10A225KP8NNNC 755-RB161MM-20TR 595-LMR23615DRRR 963-EMK105B1105KVHF 810-C1608XSR1A106K 667-ER3-ZRKF5601X 595-LM9330	TE Connectivity	CRG0402F5K6	
18k 22.1k 47k 2.2u 02SSL20L DC/DC 1u 10u 5.6k Comparator 2.2k	Metrici; PaskadinarTapae & Regi; MSL:-;RoHS Complaint; Yes RESISTOR, 4002, 188, 198, FULR LERE, Product Rangers/SISHAY - AEC- Q200 CRCW Series; Resistance:18kohm; Power Rating;63mW; Resistance Tolerance:1-18; Resistor Case Style-002 (1005 Metric); Resistor Element Material:Thick Film; Resist Comellaint; Yes Resistor; Thick Rim; 22.1 Kilohms; 0.063 W; 1%; SMT; 0402; TCR 37 37 ppm/DesC; TR SMSIMM ELETRO-MECHANICS - CL10A225KP8NNNC - SMD Multilayer Ceramic Capacitor; 2.2 µF, 10 V, 0603 11608 Metric), ± 10%, SSR, CL SCHOTTRY: D100-films; //euronosecom/disableet/27/934/QSs8200- SISHTE: SWITCHERS, 36-V, 1.5-A Syndronous Step-Down Converter 12- SON -40 to 125 TAYO YUDEN - EMICIOSBI10SKWHF - CAPACITOR, CERAMIC, 0402,16V,XSR, 1 F, 10% ROHS COMPLIANT; YES TOK C. 1608/SSR1A.106K08004. CERAMIC CAPACITOR, 10UF, 10V, XSR, 10%, 0603, PULL RETE. TE Connectivity CRG0402 Series Thick Film Surface Mount Resistor 0402 CRES SSR. 148, 0603, WILORDRON. TEXAS INSTRUMENTS - LU1933D - COMPARATOR DUAL, SMD, SOIC6, 393 TINK FIRM TINKENTIS - LU1933D - COMPARATOR DUAL, SMD, SOIC6, 393	R6 R14, R16, R20, R22, R35 C8 D3 ICI C11, C13, C14, C15, C16, C17, C22, C23, C24, C25, C31, G2, C31 C21 R23 IC10 R23 IC10 R23	11 11 14	CRCW040222K1FKED CRCW040247K0FKED CL10A22SKP8NNNC RB161MM-20TR LMR236150RRR EMK105B1105KVHF C1668X5R1A106K080AC ERJ-2RKF5601X LM3380	71-CRCW0402-22.1K-E3 71-CRCW0402-47K-E3 187-CL10A225KP8NNNC 755-R81611MH-20TR 595-LMR23615DRRR 963-EMK10583105KVHF 810-C1608XSR1A106K 667-ER)-2RKF5601X 595-LM3930			
18k 22.1k 47k 2.2u 02SSL20L DC/DC 1u 10u 5.6k Comparator 2.2k	Metrici; PaskadinarTapae & Regi; MSL:-;RoHS Complaint; Yes RESISTOR, A092, Iss. 1, %, FLUIL REIL; Product Rangers/SINHY - AEC- Q200 CRCW Series; Resistance:18kohm; Power Rating;63mW; Resistance Tolerance:1-18; Resistor Case Style-002 (1005 Metric); Resistor Element Material:Thick Film; Resist Comollaint; Yes Resistor; Thick Film; 22.1 Kilohms; 0.063 W; 1%; SMT; 0402; TCR 37 37 ppm/DesC; TR SMSIMM ELETRO-MECHANICS - CL10A225KP8NNNC - SMD Multilayer Ceramic Capacitor; 2.2 µF, 10 V, 0603 11608 Metric), ± 10%, SSR, CL SCHOTTRY: D10C https://eur.ouse.com/diassheet/21/940/CssRd; SCHOTTRY: D10C https://eur.ouse.com/diassheet/21/940/CssRd; SMSHME EWITCHERS, 36-V, 1.5-A Syndronous Step-Down Converter 12- SON -40 to 125 TIOK CL160RSSB1A106K0804C. CERAMIC CAPACITOR, 10UF, 10V, XSR, 10%, 0603; FULI REE; ECONTECTIVE ORGOS, FULI REE; ECONTECTIVE, ORGOS	R6 R14, R16, R20, R22, R35 C8 D3 IC1 C11, C13, C14, C15, C16, C17, C22, C23, C24, C25, C27, C31, G32, C38 C21	11 11 14	CRCW040222K1FRED CRCW040247K0FRED CL104225K9RNNNC RB161MM-20TR LMR236150RRR EMK105B3105KVHF C1608X5R1A106K080AC ER-2RKF5601X LM33330	71-CRCW0402-22.1K-E3 71-CRCW0402-47K-E3 187-CL10A225KP8NNNC 755-RB161MM-20TR 595-LMR23615DRRR 963-EMK105B1105KVHF 810-C1608XSR1A106K 667-ER3-ZRKF5601X 595-LM9330	TE Connectivity ON Semiconductor		863-BVSS123LT
18k 22.1k 47k 2.2u 02SSL20L DC/DC	Metricit: Parkadinari Tapo & Reel; MSL::;Roht'S Complaint: Yes RESISTOR, A0(2), 188, 198, FULR LERE; Product Rangers/SIHAY* AEC- Q200 CRCW Series; Resistance: 18kohm; Power Rating;63mW; Resistance Tolerance: 18 (Resistor Case Style-002 (1005 Metric); Resistor Cleren Material Thek Film: Roht'S Cornollant: Yes Resistor; Timch Film; 22.1 Kilohms; 0.063 W; 1%; SMT; 0402; TCR 37 25 gan/Desic. Ta 25 gan/Desic. Ta 25 gan/Desic. Ta 27 gan/Desic. Ta 27 gan/Desic. Ta 27 gan/Desic. Ta 28 gan/Desic. Ta 28 gan/Desic. Ta 28 gan/Desic. Ta 29 gan/Desic. Ta 20 gan/Desic. Ta 20 gan/Desic. Ta 20 gan/Desic. Ta 21 gan/Desic. Ta 21 gan/Desic. Ta 23 gan/Desic. Ta 24 gan/Desic. Ta 25 gan/Desic. Ta 26 gan/Desic. Ta 26 gan/Desic. Ta 27 gan/Desic. Ta 28 gan/Desic. Ta 2	R6 R14, R16, R20, R22, R35 C8 D3 IC1 C11, C13, C14, C15, C16, C17, C22, C23, C24, C25, C27, C31, C32, C38 IC10 R24, R25 O2. O6	11 14 14 14 14 14 14 14 14 14 14 14 14 1	CRCW040222K1FKED CRCW040247K0FKED CL1.04225KP8NNNC RB161MM-20TR LMR23615DRRR EMK.105B)1.05KVHF CL6.08X5R1A106K080AC ERJ-2RKF5601X LM3933D RC0402FR-133K2L	71-CRCW0402-22.1K-E3 71-CRCW0402-47K-E3 187-CL10A225KP8NNNC 755-RB161MM-20TR 595-LMR23615DRRR 963-EMK105B1105KVHF 810-CL1608XSR1A106K 667-ERJ-2RKF5601X 595-LM393D 603-RCM042FR-13XK2L 512-ESS5138			863-BVSS123LT