



Comment	Description	Designator	Footprint	LibRef	Quantity
C10n 100V-0805	Cap Cer 10000PF 100V X7R 0805	C7	WCAP- CSGP_0805_L2W1.25 H0.6_Reflow	DMP-001-00007-2	4
C10pF 0805	Ceramic Capacitor, Multilayer, Ceramic, 50V, 5% +/- Tol, 5% Tol, COG, 30ppm/Cel TC, 0.0000uF, Surface Mount, 0805, 885012007051	C7	WCAP- CSGP_0805_L2W1.25 H0.6_Reflow	DMP-001-00012-2	2
C22u 10V-0805NPC XSR	Multilayer Ceramic Capacitor, Wcap-Capg Series, 22 F, 20%, XSR, 10 V, 0805 [2012 Metric] RoHS Compliant: Yes	C7	C0805NPC-W	DMP-00058-1	1
C100n 0805	Cap. 0.1uF, 50V, 10%, X7R, 0805	C7	C0805NPC-R	DMP-00063-1	7
C100n 50V-0805NPC X7R	Cap. 0.1uF, 50V, 10%, X7R, 0805	C7	C0805NPC-R	DMP-00063-1	4
1u 50V	Multilayer Ceramic Capacitor, Wcap-Capg Series, 1 F, 10%, X7R, 50 V, 0805 [2012 Metric] RoHS Compliant: Yes	C*	C0805NPC-R	DMP-00052-1	1
22u 25V	Ceramic Capacitor, Multilayer, Ceramic, 25V, 20% +/- Tol, 20% +/- Tol, XSR, 15% TC, 22uF, Surface Mount, 1210	C*	0805	DMP-001-00018-1	2
865080540004	WCAP-AGU Aluminum Electrolytic Capacitor	C*	865080540004- Footprint: 1	DMP-001-00019-1	2
C100n 25V 1206NPC X7R	Cap Cer 0.1uF 25V X7R 1206	C7	C1206NPC-RW	DMP-00062-1	1
DTVS-4V-DO-214AC	TVS diode (Wurth Elektronik) B24551600 TVS diode	DTVS	DTVS-DO-214AC	DMP-00154-1	4
DSC-0.5/30-S00123	WS-30V (F=500mA RMS F=4000Hz)	D*	DSC-S00123	DMP-00165-1	1
DTVS-40V-DO-214AB	TVS diode (Wurth Elektronik) B24551301 TVS diode	D*	DTVS-DO-214AB	DMP-00157-1	1
DTVS-13V-DO-214AC	Ten Diode, 400W, 13V, Bi-dir, DO-214AC	D*, D*7	DTVS-DO-214AC	DMP-00155-1	11
DCDC-42V/5V-1A	Wurth Elektronik B- 42V to 5V 1A DC-DC	DCDC*	DCDC_Mag3ic	DMP-00116-1	1
WU0805F00500P50 0	Fuse, 24 Milliohms to 460 Milliohms (DAD) @ 0.1, 32 V, 0805, 15 C, 35 C	F*	0805	DMP-001-00020-1	1
7447730	General Purpose Inductor, 1uH, 20%, 1 Element, Nickel zinc Ferrite Core, SMD, 1816	L7	WE-PD2_4532	DMP-006-00005-1	1
CMC_10u_1.6A	Common Mode Chokes Dual 10uH 920Ohm 18kHz 1.6A 80mOhm DCR SMD 1/8	L7	CMC_10u_1.6A	DMP-00160-1	2
Ferrite Bead		L7	L_Ferrite_bead_0805	DMP-00166-1	1
902318C5-T1_GE3	MoSfet, N channel, 40V, 7A, SOT-23 RoHS Compliant: Yes	D*, D*7	SOT99P245X110-3N	DMP-013-00002-1	9
RA0-0805FTN	Res Thin Film 0805 40.4 Ohm 0.1% 10W +25ppm/C Molded SMD SMD Punched Carrier 1/8	R7	R0805FTK	DMP-00080-1	4
330	Fixed Resistor, Metal Glaze/Thick Film, 0.5W, 330ohm, 150V, 1% +/- Tol, 100ppm/Cel, Surface Mount, 0805	R*	0805	DMP-009-00024-1	1
560	Fixed Resistor, Metal Glaze/Thick Film, 0.5W, 560ohm, 150V, 1% +/- Tol, 100ppm/Cel, Surface Mount, 0805	R*	0805	DMP-009-00025-1	1
CRCW0805150FKEA HP	Fixed Resistor, Metal Glaze/Thick Film, 0.5W, 150ohm, 150V, 1% +/- Tol, 100ppm/Cel, Surface Mount, 0805	R*	FP-CRCW0805-HPc3- IPC_B	DMP-009-00012-1	2
CRCW0805220FKEA	CRCW0805 Resistor 7/R 0.125W, 1% 22R Vishay CRCW Series Thick Film Surface Mount Resistor 0805 Case 22 +/- 1%, 0.125W +/-100ppm/C	R*	0805	DMP-009-00017-2	2
CRCW0805432FKEA	Fixed Resistor, Metal Glaze/Thick Film, 0.125W, 43.2ohm, 150V, 1% +/- Tol, 100ppm/Cel, Surface Mount, 0805	R*, R*7	FP-CRCW0805-e3- IPC_A	DMP-009-00016-1	2
R10k-0805FTK	BOURNS CRO805- WR-100BLE Surface Mount Chip Resistor, Thick Film, 25 Series, 10 kohm, 125 mW, 5%, 150 V	R*, R*7	R0805FTK	DMP-00085-1	11
74942302	WE-BMS SMT Transformer -40°C to +125°C	T7	WE-BMS_74942302	DMP-00198-1	1
LM317IMP/NOPB	Linear Voltage Regulator IC Positive Adjustable 1 Output 1.25 V - 37 V 1A SOT- 223-4	U7	DCY0004A_M	DMP-019-00004-1	1
STM32L496VGT6	RISC Microcontroller 32-Bit, FLASH, CORTEX M4 CPU, 80MHz, CMOS, PQFP100	U7	FP-LQFP100-1L-IPC_A	DMP-031-00008-1	3
TCAN1048AVMTRO1	Enhanced Automotive Aval-CAN transceiver with inverted Standby and 1.8 V I/O Support 14 I/Os, 40 to 150	U7	SOIC127P600X175- 14N	DMP-015-00008-1	1
ISOSP1_Transceiver_A 08M54622	The AD8M54621 (single) and AD8M54622 (dual) provide bidirectional isolated serial port interface (RS485™)	U*	ISOSP1_Transceiver_A 08M54622	DMP-015-00003-1	1
830030819	WE-XTAL Quartz Crystal, SMT, CFPK, 104, 10MHz, +/- 50ppm	Y7	WE-XTAL_CFPK-104	DMP-003-00000-1	1