













	Description	Designator	Footprint	LibRef	Quantity
	14-Bit, High-Speed, Single Supply, SAR				
ADS8671	ADC Data Acq. System with progr., bipolar input ranges	ADC	AD\$9671	AD\$8671	
XSR 0603	Capacitor (Semiconductor SM	012, 013, 016, 016	1608[0603]	Cap Semi	
	Model) Ospacitor				
X7R, 0805	(Semiconductor SIM Model)	ON4 OBY1, OBY2, OBY3,	C1206	Cap Semi	
	Capacitor	OBY_B1, OBY_B2, OCS1_OCS1/+ Of1			
	(Semiconductor SM Model)	QN1, COUT1, Quet,	1608(0603)	Cap Semi	
		PSU_00UT1, USB_01, USB_02			
X5R, 25V	Capacitor (Semiconductor SIM Model)	GN3	1608(0603)	Cap Semi	
XSR, 10V	Capacitor (Semiconductor SM	соитз	C1206	Cap Semi	
BOURNS,3296W-1-	Model) Vertical	CS POT	BOURNS,3296W-1	BOURNS,3296W-1-	
102RLF	Potentiometer, multi- turn, 10% WRISKSKESMTThick		BOON(3,3290)V1	104RLF	
100k	Film Resistor, size 0805, 0.10hm, 0.33W	CSdiv_btm, RBOOT0, RBOOT1, RDB1, RF2	WRISKSKE_0806	560050320001	
576	WRISKSKESMTThick				
50k	Film Resistor, size 0805, 0.1Chm, 0.33W	CStriv_top	WRISKSKE_0806	560050320001	
	Capacitor (Semiconductor SM Model)	OV1, OV2, CV32, OVA1, OVA2	0402	Cap Semi	
MBR0540T1G		D_PSU	On_Semiconductor_4 25-04_MFG	MBR0540T1G	
330hm. 2.2A	MECBF SMT BM Suppression Ferrite	FB1	WECBF_0603_High	742792605	
	Bead, size 0603, 330hm, 2.2A Micro USB 2.0 Type		Speed		
629106150521 Footprint	Micro USB 2.0 Type AB, Receptacle, Horizontal, SMT	Ji	629105150921	629105150921	
MOLEX_530481410_pi coBlade_14pin		P	MOLEX_530481410_pi coBlade_14pin	MOLEX_530481410_pi coBlade_14pin	
10uH, 0.8A	WE-PD2 SMT Power Inductor, size 3521, 10uH, 0.8A	ы	WEPD2,3521	7447732110	
LDK130	300 mAllow quiescent current very low noise	LDO1	LDK130	LDK130	
LT3045	LDO 20V, 500mA, Ultralow Noise, Ultrahigh	LDO2	LT3045	LT3045	
LT3045	Noise, Utrahigh PSRRLDO	LDO2			
LT1761ESS-5#TRMPBF	WLSMCW SMT Mono-	mos	LT1761ES5-5#TRMPBF	LT1761ES5-5#TRMPBF	
	color Chip LED Waterclear, size 0603,	LED1, LED1_STS, LED2, LED2_STS	WL- SMCW_0603_H+0.7m m	150060AS75000	
	Amber, 2V, 140deg				
MAX44620AXT+T	Operationsverstärker 1.8V, 15MHz Low-Offs et, Low-Power, Rail	OP1	MAX44280_ATX+T	MAX44620AXT+T	
Header 3	Header, 3-Pin Capacitor	P900T0, P900T1	HDR1X3	Header 3	
	(Semiconductor SM Model)	PSU_CIN1, PSU_CIN2, PSU_COUT2, USB_C3	C1206	Cap Semi	
61200621621	Male Box Header WR- BHD, THT, Vertical,	PSND	61200621621	61200621621	
BCM66_NPN	pitch 2.54 mm, 6 pins	Q1	BCM66_NPN	BCM66_NPN	
220	WRISKSKESMTThick Film Resistor, size	RCS	WRISKSKE 0805	560050320001	
	Film Resistor, size 0805, 0.1Ohm, 0.33W	RCS	WRISKSKE_0805	560050320001	
	Film Resistor, size 0805, 0.10hm, 0.33W WRIS-KSKE SMTThick Film Resistor, size	RCS Rest	WRSKSKE,0806 WRSKSKE,0806	560050320001 560050320001	
220 47	Film Resistor, size 0805, 0.10hm, 0.33W WRISKSKESMTThick	RCS Rest	WRISKSWE_0806	560050320001	
220	Film Resistor, size 0805, 0.1Ohm, 0.33W WRIS-KSKESWITThick Film Resistor, size 0805, 0.1Ohm, 0.33W	RCS Rest			
220 47	Film Resistor, size 0805, 0.1Chm, 0.38W WRS-KSKE-9MT Thick Film Resistor, size 0805, 0.1Chm, 0.38W WRS-KSE-9MT Thick Film Resistor, size 0805, 0.1Chm, 0.38W WRS-KSKE-9MT Thick WRS-KSKE-9MT Thick	Rest RF1 RLED1, RLED2, RSTS1,	WRISKSKE_0806 WRISKSKE_0806	560050320001 560050320001	
220 47 1M	Film Resistor, size 0805, 0.10hm, 0.38W MRS-KS4E-SMT Thick Film Resistor, size 0805, 0.10hm, 0.38W MRS-KS4E-SMT Thick Film Resistor, size 0805, 0.10hm, 0.33W WRS-KS4E-SMT Thick Film Resistor, size 0805, 0.10hm, 0.33W	Red RP1	WRISKSWE_0806	560050320001	
220 47 1M	Film Resistor, size 0005, 0.10hm, 0.30W WRISKSKE SMTThick Film Resistor, size 0005, 0.10hm, 0.30W WRISKSKE SMTThick Film Resistor, size 0005, 0.10hm, 0.30W WRISKSKE SMTThick Film Resistor, cize 0005, 0.10hm, 0.30W WRISKSKE SMTThick Film Resistor, size	Rest RF1 RLED1, RLED2, RSTS1,	WRISKSKE_0806 WRISKSKE_0806	560050320001 560050320001	
220 47 1M	Film Resistor, size 0005, 0.10hm, 0.30W WRS-KSVES-SMTThick Film Resistor, size 0005, 0.10hm, 0.30W WRS-KSVE-SMTThick Film Resistor, size 0005, 0.10hm, 0.30W WRS-KSVE-SMTThick Film Resistor, size 0005, 0.10hm, 0.30W WRS-KSVE-SMTThick WRS-KSVE-SMTThick Film Resistor, size 0005, 0.10hm, 0.30W	Rest RF1 RLED1, RLED2, RSTS1, RSTS2	WRISKSKE_0806 WRISKSKE_0806 WRISKSKE_0806	560050320001 560050320001 560050320001	
220 47 1M	Film Resistor, size 0005, 0.10hm, 0.30W WRISKSKE SMTThick Film Resistor, size 0005, 0.10hm, 0.30W WRISKSKE SMTThick Film Resistor, size 0005, 0.10hm, 0.30W WRISKSKE SMTThick Film Resistor, cize 0005, 0.10hm, 0.30W WRISKSKE SMTThick Film Resistor, size	Rest RF1 RLED1, RLED2, RSTS1, RSTS2	WRISKSKE_0806 WRISKSKE_0806 WRISKSKE_0806	560050320001 560050320001 560050320001	
220 47 1M 2k 1k	Film Resistor, size 0000. 1000	Rest   RF1   RED1, RSTS1, RSTS2   Rim	WRSKSRE_0005  WRSKSRE_0005  WRSKSRE_0005  WRSKSRE_0005	960050320001 960050320001 960050320001 960050320001 960050316011	
220 47 1M 2k	Film Resistor, size of 500, 0.10m, 0.33W VMS-KS4E-SMT Thick Film Resistor, size of 500, 0.10m, 0.33W VMS-KS4E-SMT Thick Film Resistor, size of 500, 0.10m, 0.33W VMS-KS4E-SMT Thick Film Resistor, size of 500, 0.10m, 0.33W VMS-KS4E-SMT Thick Film Resistor, 510, 0.33W VMS-KS4E-SMT Thick Film Resistor, 510, 0.33W VMS-KS4E-SMT Thick Film Resistor, 510, 0.30W VMS-KS4E-SMT Thick Film Resistor, 510, 0.30W VMS-KS4E-SMT Thick Film Resistor, 510, 0.30W VMS-KS4E-SMT Thick SMT Thick Film Resistor, 510, 0.30W VMS-KS4E-SMT Thick SMT Thick Film Resistor, 510, 0.30W VMS-KS4E-SMT Thick SMT T	Rest   RF1   RED1, RSTS1, RSTS2   Rim	WRISKSHE_0006  WRISKSHE_0006  WRISKSHE_0006	560050320001 560050320001 560050320001	
220 47 1M 2k 1k	Film Resistor, size  ORD, 6.10 Film Cost of the Cost o	Rest   RF1   RED1, RSTS1, RSTS2   Rim	WRSKSRE_0005  WRSKSRE_0005  WRSKSRE_0005  WRSKSRE_0005	960050320001 960050320001 960050320001 960050320001 960050316011	
220 47 5M 5M 5k 5k 1 Chm, 1%	Film Resistor, size  OSCI, 0.10m., 0.30m.  OSCI, 0.10m., 0.30m.  VISS-ING-GATT huch  Third Resistor, size  OSCI, 0.10m., 0.30m.  VINS-ING-GATT huch  Film Resistor, size  OSCI, 0.10m., 0.30m.  VINS-ING-GATT huch  VI	Rest RF1 REDI, REDZ, RSTSI, RSTS2 Rem Refersore	WRISKSKE_0005 WRISKSKE_0005 WRISKSKE_0005 WRISKSKE_0005 WRISKSKE_00005 WRISKSKE_00003	560050320001 560050320001 560050320001 560050320001 560050316001	
220 47 15M 56 15 Chm, 1% 16Chm, 1%	Film Resistor, size  ORGA, 0.10m., 0.00m., 0.00m.  ORGA, 0.10m., 0	Rest RF1 RED1, RED2, RSTS. RSTS. Rem Reterior	WRSK94E,0006 WRSK94E,0006 WRSK94E,0006 WRSK94E,0000 WRSK94E,0000 WRSK94E,0000	560050320001 560050320001 560050320001 560050320001 560050316001	
220 47 5M 5M 5k 5k 1 Chm, 1%	Film Resistor, size  OSCI, 0.10m., 0.30m.  OSCI, 0.10m., 0.30m.  VISSI-SIG-SIJT Fluich  Film Resistor, size  OSCI, 0.10m., 0.30m.  VIASI-SIG-SIJT Fluich  Film Resistor, size  OSCI, 0.10m., 0.30m.  O	Rest RF1 RED1, RED2, RSTS. RSTS. Rem Reterior	WHSHSHE,0005 WHSHSHE,0005 WHSHSHE,0005 WHSHSHE,0000 WHSHSHE,0000 WHSHSHE,0000	90000000001 90000000001 90000000001 900000000	
220 47 15M 15M 15Chm, 196 15Chm, 196 15Chm, 196 15Chm, 196 15Chm, 196	Fine Resistor, size  VIAS-SIGS-SITT Inich.  The Resistor, size  VIAS-SITT Ini	Red BED, RED, RSS, RSS, RSS, RSS, RSS, RSS, RSS, RS	WMSHSHE_0005 WMSHSHE_0005 WMSHSHE_0005 WMSHSHSE_0005 WMSHSHSE_0005 WMSHSHSE_0005	56005030001 56005030001 56005030001 56005030001 560050316001 560050316001	
220 47 15M 15M 15Chm, 196 15Chm, 196 15Chm, 196 15Chm, 196 15Chm, 196	Fine Resistor, size  WASHING TOWN, DAY,  WASHING SAIT THICK  WASHING	Rest RF1 RED1, RED2, RSTS. RSTS. Rem Reterior	WHSHSHE,0005 WHSHSHE,0005 WHSHSHE,0005 WHSHSHE,0000 WHSHSHE,0000 WHSHSHE,0000	90000000001 90000000001 90000000001 900000000	
220 47 15M 56 16 16 16 16 16 16 16 16 16 16 16 16 16	Fine Mession, day  WASH-NGS-GITT back WASH-NGS-GITT	Red   RED, RED, RSTS, RSTS, RSTS   RS	WMSHSHE_0006 WMSHSHE_0006 WMSHSHE_0006 WMSHSHE_0006 WMSHSHE_0006 WMSHSHE_0006 WMSHSHE_0000	640060500011  640060500011  640060500011  640060500011  640060500011  640060500011  640060500011  640060500011  640060500011  64006050000011  64006050000000011  64006050000011  64006050000011  64006050000011  64006050000011  64006050000011  64006050000011  64006050000011  640060500000011  640060500000000000011  64006050000000000000000000000000000000	
220 47 15M 15M 15Chm, 196 15Chm, 196 15Chm, 196 15Chm, 196 15Chm, 196	Fine Mession, day  WASH-NESS-IT Plack WASH-NESS	Red BED, RED, RSS, RSS, RSS, RSS, RSS, RSS, RSS, RS	WMSHSHE_0005 WMSHSHE_0005 WMSHSHE_0005 WMSHSHSE_0005 WMSHSHSE_0005 WMSHSHSE_0005	56005030001 56005030001 56005030001 56005030001 560050316001 560050316001	
220 47 15M 56 16 16 16 16 16 16 16 16 16 16 16 16 16	Fine Resistor, size  ORGA (CUPM, DOSE)  WASHINGSOFT Brick  WASHINGSOFT	Red   RED, RED, RSTS, RSTS, RSTS   RS	WMSHSHE_0006 WMSHSHE_0006 WMSHSHE_0006 WMSHSHE_0006 WMSHSHE_0006 WMSHSHE_0006 WMSHSHE_0000	640060500011  640060500011  640060500011  640060500011  640060500011  640060500011  640060500011  640060500011  640060500011  64006050000011  64006050000000011  64006050000011  64006050000011  64006050000011  64006050000011  64006050000011  64006050000011  64006050000011  640060500000011  640060500000000000011  64006050000000000000000000000000000000	
220 47 47 5M 5M 58 50 11 Ohm, 1% 11 Ohm, 1% 11 Ohm, 1% 11 Signification of the state of the stat	Fine Resistor, says  WASH-NEGSTT Plack Fine Resistor, say	Red   RED, RED2, RSTS, R	WHSHSHE,0005 WHSHSHE,0005 WHSHSHE,0005 WHSHSHE,0000 WHSHSHE,0000 WHSHSHE,0000 WHSHSHE,0000 WHSHSHE,0000 WHSHSHE,0000 WHSHSHE,0000 WHSHSHE,0000 WHSHSHE,0000	56006030001 56006030001 56006030001 56006030001 56006030001 56006030001 56006030001 102610-6 5006030001	
220 47 154 154 154 155 155 155 155 155 155 155	Fine Resistor, size  WIRSHOEG SIT Plack WIRSH WI	Red   RF1   RLIDE, RSTSI, RSTS	WISHSHE 0006 WISHSHE 0006 WISHSHE 0006 WISHSHE 0006 WISHSHE 0006 WISHSHE 0000 WISHSHE 0000 WISHSHE 0000	96006360001 96006360001 96006360001 9600636001 9600636001 9600636001 9600636001 9600636001 9600636001 9600636001 9600636001 9600636001 9600636001 9600636001 9600636001	
220 47 154 156 156 15 COwn, 196 150wn, 196 1	Fine Resistor, size  ORGA (CPUR) ADDRESS  WIRSH RESISTOR, size  ORGA (CPUR) ADDRESS  ORGAN (CPUR)	Red   RF1   REDZ, RSTSI, RSTSI	WMSHSHE_0005	50000000001 50000000001 50000000001 500000000	
220 47 47 5M 5M 58 50 11 Ohm, 1% 11 Ohm, 1% 11 Ohm, 1% 11 Signification of the state of the stat	Fine Mession, day  WASH-NESS-ITT bluck Mession day  WASH-NESS-ITT bluck  WASH-	Red   RED, RED2, RSTS, R	WMSHSHE_0006 WMSHSHE_0006 WMSHSHE_0006 WMSHSHE_0006 WMSHSHE_0006 WMSHSHE_0000 WMSHSHE_0000 WMSHSHE_0000 WMSHSHE_0000 WMSHSHE_0000 WMSHSHE_0000 WMSHSHE_0000	56006030001 56006030001 56006030001 56006030001 56006030001 56006030001 56006030001 102610-6 5006030001	