

















Part Number	Description	Comment	Designator	Value	Volt age	Toler ance	Qua	Case	Techn	Dealer	Dealer number
RSC0003	ceramic X7R SMD capacitor smd 0805 4.7u 16V	4.7u	C1, C10, C40	4.7u	16V	10%		0805	SMT	Farnell	2118133
	ceramic X7R SMD capacitor smd										
RSC0005	0805 4.7n 250V	4.7n	C2 C3, C5, C6, C7,	4.7n	250V	10%	1	0805	SMT	Farnell	1779491
			C8, C18, C19, C20, C27, C28,								
	ceramic X7R SMD capacitor smd		C29, C30, C32, C33, C35, C36,								
RSC0000	0805 100n 50V ceramic Y5V SMD capacitor smd	100n	C37 C4, C9, C13,	100n	50V	10% +80 -	17	0805	SMT	Farnell	1414664
VSC0000	0805 1u 25V tantalum SMD capacitor 47u 20V C	1u	C14, C21, C26	1u	25V	20%	6	0805	SMT	Farnell	1759429
CST0002	case	47u	C11	47u	20	10	1	С	SMT	Farnell	1793891
CST0000	tantalum SMD capacitor 10u 20V A case	10u	C12	10u	20	20	1	А	SMT	Farnell	2112919
VSC0002	ceramic Y5V SMD capacitor smd 1210 4.7u 50V	4.7u	C15, C16	4.7u	50V	+80 - 20%	2	1210	SMT	Farnell	1759471
RSC0002	ceramic X7R SMD capacitor smd 0805 33n 50V	33n	C17	33n	50V	10%	1	0805	SMT	Farnell	1414688
GSC0002	ceramic COG SMD capacitor smd 0805 150p 50V	150p	C22	150p	50V	5%		0805	SMT	Farnell	1414669
	ceramic C0G SMD capacitor smd										
GSC0003	0805 10p 50V ceramic COG SMD capacitor smd	10p	C23	10p	50V	5%	1	0805	SMT	Farnell	1414654
GSC0001	0805 27p 50V ceramic Y5V SMD capacitor smd	27р	C24, C25	27p	50V	5% +80 -	2	0805	SMT	Farnell	1414683
VSC0001	0805 10u 6.3V ceramic X7R SMD capacitor smd	10u	C31, C34	10u	6.3V	20%	2	0805	SMT	Farnell	1759136
RSC0004	0805 10n 50V	10n	C38	10n	50V	10%	1	0805	SMT	Farnell	1414662
RSC0006	ceramic X7R SMD capacitor smd 0805 220n 50V	220n	C39	220n	50V	10%	1	0805	SMT	Farnell	1288261
XDS0002	Shotkey diode 3A 40V	RB051L-40	D1		L		1	SOD106	SMT	Farnell	1680016
XXL0000	Green led SMD 0805	KPT-2012SGC	D2, D3				2	0805	SMT	Farnell	2099239 2099239
DTV0000	TVS Diode Array	824022	D4				1	SOT23	SMT	Farnell	1748618
XCU0001	CONNECTOR, MINI USB B, SMD, 5WAY		J1				1		SMT	Farnell	2293774
XCH0008	Header starait 1.27mm 3 way		J2, J8, J13				3		THT		
XCH0001	Header starait 2.54mm 3 way		J3, J4, J5, J7, J9, J11				6		THT	Farnell	1248150
XCH0007	Header starait1.27mm 4 way		J6, J12, J14				3		THT		
XMC0000 XCH0000	Micro SD card connector Header starait 2.54mm 2 way	SD card	J10 J15				1		SMT	Farnell Farnell	2293708 1248140
XCH0006	Header strait 1.27mm 5way X 2		J16				1		SMD	Farnell	1022310
XXI0001	SMD inductor 6.8uH, 2.5A	6.8u	L1	6.8u		20%	1	5mmX5 mm	SMT	Farnell	2292530
XFB0000	Ferrite bead, 0.15Ohm, 200mA, 0805, 120E @ 100MHz	120E @ 100MHz	L2				1	0805	SMT	Farnell	1515617
XMN0001	60V 1.2A N-mosfet	ZXMN6A07FTA	Q1, Q2					SOT23	SMT	Farnell	9525769
XRS0005	resistor smd 0805 27R 5% 0.125w	27?	R1, R3, R26, R28	27?		5%	4	0805	SMT	Farnell	2073712
			R2, R4, R17, R18, R19, R20,								
XRS0007	resistor smd 0805 220R 5% 0.125w	2207	R21, R22, R29, R30	220?		5%	10	0805	SMT	Farnell	2073693
			R5, R8, R15,								
XRS0003 XRS0010	resistor smd 0805 4.7k 5% 0.125w resistor smd 0805 1M 5% 0.125w	4.7K? 1M?	R16 R6	4.7K? 1M?		5% 5%		0805 0805	SMT	Farnell Farnell	2073784
XRS0012	resistor smd 0805 6.8k 5% 0.125w	6.8k?	R7, R9	6.8k?		5%		0805	SMT	Farnell	2073829
YRS0003	resistor smd 0805 1.96k 1% 0.125w	1.96k	R10, R13	1.96k		1%	2	0805	SMT	Farnell	2141807
YRS0004		1.4k	R11, R14	1.4k		1%		0805	SMT	Farnell	2141799
XRS0009 XRS0001	resistor smd 0805 82k 5% 0.125w resistor smd 0805 10k 5% 0.125w	82k? 10K?	R12 R23, R24	82k? 10K?		5% 5%		0805 0805	SMT	Farnell Farnell	2073852 2073612
XRS0001	resistor smd 0805 620 5% 0.125w	620?	R25, R31	680?		5%		0805	SMT	Farnell	9334734
XRS0013	resistor smd 0805 120 5% 0.125w	120?	R27	120?		5%	1	0805	SMT	Farnell	2073628
XXC0000	testpoint 1mm diameter	testpoint	TP1, TP2, TP3, TP4, TP5, TP6, TP7, TP8				8				
XSW0002	2A, 28V, 1MHz, STEP DOWN DC/DC CONVERTER WITH ECO-MODE™	TPS54232D	U1				1	SOIC8	SMT	Farnell	1694430
XLR0002	150 mA, Low Quiescent Current, CMOS Linear Regulator	ADP121- AUJZ33R7	U2				1	SOT23	SMT	Farnell	2074869
XAM0000	Cortex M3 ARM microcontroller	ATSAM3S2AA- AU	U3					TQFP48	SMT	Farnell	1841652
XLD0000	250 kbps RS485 trasciever	SN65HVD72D	U4					SOIC8	SMT	Farnell	2335547
XSE0003	Tri-Axis Gyroscope and Tri-Axis Accelerometer	LSM330DLC	U5				1	LGA28	SMT	Farnell	2295820
XSE0004	Three-Axis Digital magnetometer	HMC5883L	U6					QFN16	SMT	Farnell	1971743
XSE0001	I2C Precision Altimeter	MPL3115A2	U7					LGA8	SMT	Farnell	2009084
XXC0001	Crystal 16Mhz	16MHz	Y1	16MH:			1	HC49/US	THT	Farnell	1640875