

Circuit Reference	Description	Manufacturer	Quantity	Total QTY	package	supplier	lead time
C10C11C12 C8	Capacitor SMD 0603 100nF 16V 10% X7R	Phycomp 2238 786 15649	4	1200	4000	clwell	1-2W
C4	Capacitor SMD 0603 1nF 50V 10% X7R	EPCOS B37931K5102K60	1	300	4000	clwell	1-2W
C7C9	Capacitor SMD 0603 1uF 6V3 10% X5R	Murata GRM188R60J105KA01D	2	600	4000	hi-mantech.GRM188 R61A105KA61D	6-8W
C2	Capacitor SMD 0603 47pF 50V 5% NPO	Phycomp 2238 867 15479	1	300	4000	clwell	1-2W
C3	Capacitor SMD 0805 10uF 10V 10% X5R	Phycomp 222224013676	1	300	1000	clwell	1-2W
C13C14C15 C16C17C18 C19C20C6	Capacitor SMD 0805 1uF 16V 10% X7R	Murata GRM21BR71C105KA01L	9	2700	3000	hi-mantech	6-8W
C1	Capacitor SMD 0805 4.7uF 10V 10% X5R	Phycomp 2222 240 13672	1	300	1000	clwell	1-2W
C5	Capacitor SMD 0805 4.7uF 6V3 10% X5R	EPCOS B37641K7475K62	1	300	500	clwell	1-2W
CN3	Connector SMD 0.5mm Right-angled Top-contact FFC socket 18-way Molex 52745-1896	Molex 52745-1896	1	300		CLASSIC	8W
CN1 CN2	Connector SMD 1.25mm Right-angled Pin header 7-way JAE IL-Z-7PL-SMTYE	JAE IL-Z-7PL-SMTYE	2	600			
D1D2D3	Diode SMD SOT-23 BAT754	Philips	3	900	3000	HT	1W
L1	Inductor SMD 1210 22uH 10%	Murata LQH32MN220J23L	1	300	2000	hi-mantech	6-8W
IC4	Integrated Circuit SMD S5 LTC2054CS5#PBF	Linear Technology	1	300	1000	Nu Horizons	6-8w
IC5	Integrated Circuit SMD S020 ST7ELITE15E1M6	ST Microelectronics	1	300	1000	yosun	2W
IC2	Integrated Circuit SMD SOT-23A-6 TC1072-3.0VCH	TelCom Semiconductor(microchip)	1	300		HT	1W
IC3	Integrated Circuit SMD SOT323-6L STG3157CTR	ST Microelectronics	1	300	500	yosun	2W
IC1	Integrated Circuit SMD ThinSOT-6 LTC3459ES6#PBF	Linear Technology	1	300	1000	Nu Horizons	6-8w

X1	Quartz Crystal SMD Ceralock 4MHz 0.5%	muRata CSTCR4M00G53-R0	1	300	3000	hi-mantech	6-8W
R16R17R5R6	Resistor SMD 0603 0R 0.063W 1% 1/16W	Multicomp	4	1200	5000	clwell yageo 0.1W	1-2W
R13R14R15	Resistor SMD 0603 10k 0.063W 1%	Multicomp	3	900	5000	clwell yageo	1-2W
R8	Resistor SMD 0603 1k5 0.063W 1%	Multicomp	1	300	5000	clwell yageo	1-2W
R1	Resistor SMD 0603 1M 0.063W 1%	Multicomp	1	300	5000	clwell yageo	1-2W
R7	Resistor SMD 0603 300k 0.063W 1%	Multicomp	1	300	5000	clwell yageo	1-2W
R3	Resistor SMD 0603 365k 0.1W 1%	ROHM	1	300	5000	e-shine MCR03EZPFX3653	4-6W
R12R4	Resistor SMD 0603 4k7 0.063W 1%	Multicomp	2	600	5000	clwell yageo	1-2W
R2	Resistor SMD 0603 560k 0.063W 1%	Multicomp	1	300	5000	clwell yageo	1-2W
R10R9	Resistor SMD 0603 8k06 0.1W 1%	ROHM	2	600	5000	e-shine MCR03EZPFX80R6	4-6W
R11	Resistor SMD 0603 976k 0.1W 1%	ROHM	1	300	5000	e-shine MCR03EZPFX9763	4-6W
TR1	Transistor SMD MMUN2214LT1G	ON Semiconductor	1	300	3000	HT	1-2W
PCB	VIAFED Vandagrad Blu-Ox PCB P/N 2231003	Northern HI-TEC	1	300		evaluation	
	LCD Module CV9018A	Clover	1	300		cloverchina ZCG9864A	4W

CN1 Connector SMD 1.25mm Right JAE
 ANGLED PIN HEADER 9-WAY IL-2 - 9PL-SM TVE 1 300