



RefDes	Name	Value
C1, C2, C5, C7, C9, C11, C15, C17	CAP_0402	100nF
C3, C4, C6, C8, C10, C13, C16, C18	CAP_0603	1uF
C12, C14	CAP_0805	10uF
D1	DIODE_0603	RED
D2	DIODE_0603	GREEN
D3	DIODE_0603	BLUE
D4	DIODE_0603	YELLOW
D5	Zener diode	NXP PDZ5.1B
J1	Jumper	
P1, P2	18 pin header	
P3	USB connector	Mini B 5 pin
P4	LCD socket	2 sockets 1x6 pin
P5	Camera connector	FPC-0.5-24
P6	Battery connector	
P7	Single pin	
R1, R3, R4, R6	RES_0402	330
R2	RES_0402	10k
R5	RES_0402	200
U1	PSoC 5LP	CY8C5468AXI-LP106
U2	Motor Driver	A3909GLYTR-T
U3	SOT-23 Regulator	RT9064-50GV
U4	SOT-23 Regulator	MCP1700T-3302E/TT
U5	SOT-23 Regulator	RT9166-28GVL
U6	SOT-23 Regulator	RT9169-28GVL