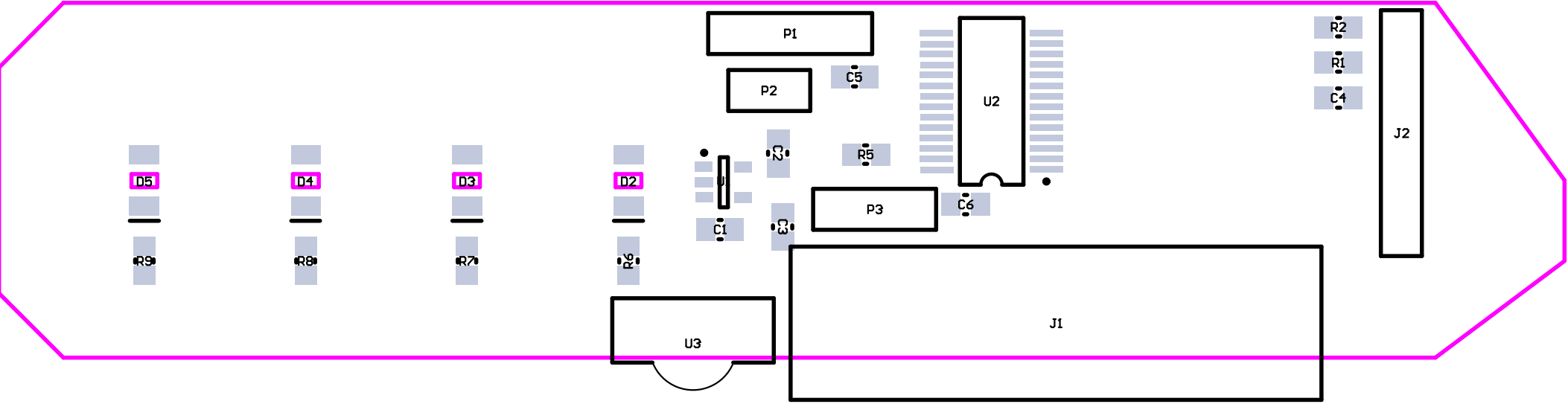
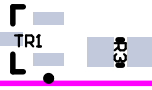
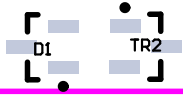
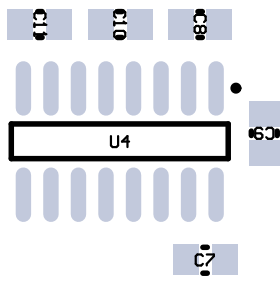


WDUExtensionBoard_v2

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Comment	Description	Designator	Footprint	LibRef	Order info	Quantity	T qes
1uF	Capacitor	C1, C2	0805 CAP	CAP		2	
100nF	Capacitor	C3, C4, C6, C7, C8, C9, C10, C11	0805 CAP	CAP		8	
10uF	Capacitor	C5	0805 CAP	CAP		1	
BAV99	Dual Schottky series - 0.2A, 75V	D1	SOT23	BAV99		1	
LED 0	Typical RED, GREEN, YELLOW, AMBER GaAs LED	D2	1206 LED Reversed	LED2		1	
LED 1	Typical RED, GREEN, YELLOW, AMBER GaAs LED	D3	1206 LED Reversed	LED2		1	
LED 2	Typical RED, GREEN, YELLOW, AMBER GaAs LED	D4	1206 LED Reversed	LED2		1	
LED 3	Typical RED, GREEN, YELLOW, AMBER GaAs LED	D5	1206 LED Reversed	LED2		1	
OUTPUT		J1	Euroblock 3.5pitch 9P	Euroblock 9P connector		1	
PIC_Kit	PIC Kit connector	J2	HDR1X6	PIC_Kit		1	
USB	Header, 4-Pin	P1	HDR1X4	Header 4		1	
Watchdog	Header, 2-Pin	P2	HDR1X2	Header 2		1	
Ext	Header, 3-Pin	P3	HDR1X3	Header 3		1	
10K	Resistor	R1, R3, R4	0805 RES	RES		3	
100	Resistor	R2, R5	0805 RES	RES		2	
330	Resistor	R6, R7, R8, R9	0805 RES	RES		4	
10k	Resistor	R10, R11	FP_0603_RES	Res3	L: 81-10-38	2	5%
BC846	NPN Transistor, 80 V, SOT23	TR1, TR2	SOT23	BC846		2	
LP3985IM5-3.3	Micropower, 150mA Low-Noise Ultra Low-Dropout CMOS Voltage Regulator	U1	MF05A_N	LP3985IM5-3.3		1	
PIC24FJ64GB002-I/SO	16-Bit Flash Microcontroller with USB On-The-Go and nanoWatt XLP, 64KB Flash, 8KB SRAM, 28-Pin SOIC, Industrial Temperature	U2	SSOP-28	PIC24FJ64GB002-I/SO		1	
TSOP1736	IR Receiver, 3-Pin	U3	TSOP17xx	TSOP17xx		1	
MAX3232CSE	3.0V TO 5.5V, Low	U4	NSO16_M	MAX3232CSE		1	