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Print Date: 08-Jan-17 Comment Comment	None 12:23:46 PM 12:23:55 PM Farnell PN 1288279 8820120, 8820120 1186187 9527745 1414673 5790852 050F-2 1175839	Digikey	C1 C2, C6, C9 C3, C4 C5, C7 C8	Capacitor SMT Capacitor SMT Capacitor Polarized (SMT - Case A) Capacitor SMT	1 3 2
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Footprint Comment CCNP2012-0805 470nF CCNP2012-0805 100nF CC3216-1206 10uF/10V CCNP2012-0805 18pF CCNP2012-0805 1uF CCNP2012-0805 4u7/6V LED2012-0805 4u7/6V LED2012-0805-GREEN LED Green PTC4532-1812 MINISMDCC USB Mini - SMT2 USB MINI (Header 1x3 (2mm) Header 1x3 SWD-2x10 - reduced SWD-2x10 BDM BDM2X3	Farnell PN 1288279 8820120, 8820120 1186187 9527745 1414673 5790852 050F-2 1175839		C1 C2, C6, C9 C3, C4 C5, C7 C8	Capacitor SMT Capacitor SMT Capacitor Polarized (SMT - Case A) Capacitor SMT	1 3 2
CCNP2012-0805 470nF CCNP2012-0805 100nF CC3216-1206 10uF/10V CCNP2012-0805 18pF CCNP2012-0805 1uF CCNP2012-0805 4u7/6V LED2012-0805 LED Green PTC4532-1812 MINISMDCC USB_Mini - SMT2 USB_MINI_ HDR1X2S PIN2X1 Header 1x3 (2mm) Header 1x3 SWD-2x10 - reduced BDM BDM2X3	1288279 8820120, 8820120 1186187 9527745 1414673 5790852 050F-2		C1 C2, C6, C9 C3, C4 C5, C7 C8	Capacitor SMT Capacitor SMT Capacitor Polarized (SMT - Case A) Capacitor SMT	1 3 2
CCNP2012-0805 100nF CC3216-1206 10uF/10V CCNP2012-0805 18pF CCNP2012-0805 1uF CCNP2012-0805 4u7/6V LED2012-0805-GREEN LED Green PTC4532-1812 MINISMDCC USB Mini - SMT2 USB MINI (HDR1X2S PIN2X1 Header 1x3 (2mm) Header 1x3 SWD-2x10 - reduced BDM BDM2X3	8820120, 8820120 1186187 9527745 1414673 5790852 050F-2 1175839	,	C2, C6, C9 C3, C4 C5, C7 C8	Capacitor SMT Capacitor Polarized (SMT - Case A) Capacitor SMT	2
CC3216-1206 10uF/10V CCNP2012-0805 18pF CCNP2012-0805 1uF CCNP2012-0805 4u7/6V LED2012-0805-GREEN LED Green PTC4532-1812 MINISMDCC USB_Mini - SMT2 USB_MINI USB_MINI USB_MINI SMDCQUSB_MINI - SMT2 USB_MINI SMDCQUSB_MINI SMDQUSB_MINI SMDCQUSB_MINI SMDCQUSB_	1186187 9527745 1414673 5790852 050F-2 1175839	,	C3, C4 C5, C7 C8	Capacitor Polarized (SMT - Case A) Capacitor SMT	2
CCNP2012-0805 18pF CCNP2012-0805 1uF CCNP2012-0805 4u7/6V LED2012-0805-GREEN LED Green PTC4532-1812 MINISMDCC USB_Mini - SMT2 USB_MINI USB_MINI Header 1x3 (2mm) Header 1x3 SWD-2x10 - reduced BDM BDM2X3	9527745 1414673 5790852 050F-2 1175839		C5, C7 C8	Capacitor SMT	
CCNP2012-0805 1uF CCNP2012-0805 4u7/6V LED2012-0805-GREEN LED Green PTC4532-1812 MINISMDCC USB_Mini - SMT2 USB_MINI_0 HDR1X2S PIN2X1 Header 1x3 (2mm) Header 1x3 SWD-2x10 - reduced SWD-2x10 BDM BDM2X3	1414673 5790852 050F-2 1175839		C5, C7 C8	Capacitor SMT	2
CCNP2012-0805 1uF CCNP2012-0805 4u7/6V LED2012-0805-GREEN LED Green PTC4532-1812 MINISMDCC USB_Mini - SMT2 USB_MINI_0 HDR1X2S PIN2X1 Header 1x3 (2mm) Header 1x3 SWD-2x10 - reduced BDM BDM2X3	5790852 050F-2 1175839		C8		
CCNP2012-0805 4u7/6V LED2012-0805-GREEN LED Green PTC4532-1812 MINISMDCC USB_Mini - SMT2 USB_MINI HDR1X2S PIN2X1 Header 1x3 (2mm) Header 1x3 SWD-2x10 - reduced SWD-2x10 BDM BDM2X3	050F-2 1175839			Capacitor Own 0000	1
LED2012-0805-GREEN LED Green PTC4532-1812 MINISMDCC USB Mini - SMT2 USB MINI HDR1X2S PIN2X1 Header 1x3 (2mm) Header 1x3 SWD-2x10 - reduced SWD-2x10 BDM BDM2X3	050F-2 1175839		1010	Capacitor SMT 0805	1
PTC4532-1812 MINISMDCC USB_Mini - SMT2 USB_MINI_0 HDR1X2S PIN2X1 Header 1x3 (2mm) Header 1x3 SWD-2x10 - reduced SWD-2x10 BDM BDM2X3	050F-2 1175839	1	D1	LED 0805 Green	1
HDR1X2S	CONNECTOR 1363522		F1	PolySwitch miniSMDC Series, 500 mA, 1 A, 24 VDC	1
DR1X2S	CONNECTOR 11303322		J1	USB Mini-B Connector	1
Header 1x3 (2mm) Header 1x3 SWD-2x10 - reduced SWD-2x10 BDM BDM2X3			JP1		1
SWD-2x10 - reduced SWD-2x10 BDM BDM2X3	3 2mm		JP2	Header, 1x3, 2mm	1
			P1	SWD Connector 2x10-Pin	1
CR2012-0805 1k5			P2	HCS12 BDM connector	1
	1632464		R1	Resistor SMT	1
CR2012-0805 1M	9236392		R2	Resistor SMT	1
CR2012-0805 100K	9332405		R3, R6, R8	Resistor SMT	3
CR2012-0805 47R	1632490		R4, R7, R9	Resistor SMT	3
CR2012-0805 680R	9334785		R5	Resistor SMT	1
CR2012-0805 33R	1631399		R10, R11	Resistor SMT	2
SO-14 L SN74LV125.		296-1674-5-ND	U1	Quad 3-state Buffer	1
SO-G20 MC9S08JS1			U2	Microcontroller with USB	1
SOT223 MC33375ST	T-3.3T3 1150444		U3	Low Dropout 300mA Voltage Regulator with ON/OFF Control	1
XTAL_SMT - 5x3.2	12000H0PESZZ 1368769		Y1	AVX CRYSTAL, SM, CX-53F, 12MHZ	1
Approved	Notes				32