

Bill Of Materials for Smart Trash Bin
Katrina Bekessy | Making Wireless Toys

Qty.	Item	Part No.
	7 Sharp IR Proximity Sensors	GP2Y0A21YK-E
	3 Small Solderless Breadboards	any
	3 Super Bright LED's	any
	2 Arduino Diecimialia	
	4 Force Sensing Resistors	S-20-1000-FS15
	1 USB - TTL serial adapter	PCB-BOB-00718
	2 Maxstream Xbee OEM RF Modules	GC-WLM-XB24-A
	2 Xbee Breakout boards	BOB-08276
	4 0.1 inch header pins	any
	4 2mm female header rows	MMS-110-01-L-SV
	1 Winbond Chip	27443470-01
	1 8 ohm speaker	any
	1 9-volt batter pack	any
	variety of resistors	
	variety of capacitors	
	20 AWG wire	
	trash bin (duh!)	